

UNIVERSITY OF ALBERTA

# folio

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## Newspaper project preserves language, history

By Illeiren Byles

Walking down the street 100 years ago in Edmonton, you'd be far more likely to hear "Ceci de dernière minute!" than "Extra, extra read all about it!"

Until around 1914, English was the fourth most common language spoken in Edmonton, after French, Cree and Gaelic. The French had been drawn to the area through the fur trade prior to colonization and were a tremendous presence in the area. Because of the strong French influence in the area, francophone newspapers of the day reveal a great deal about the history of the region.

"For the francophone community, *Le Franco* has helped them keep their language."

— Étienne Alary

"These papers are very important documents," said Dr. Frank McMahon, a University of Alberta professor emeritus who has led a five-year project to digitize Alberta's French language newspapers.

"It had become impossible to access them easily because the hard copies were falling apart; so many people were using them too much ... And working from microfiche is much more difficult, a lot harder to work with."

The project involved both digitizing and making the digitized documents searchable.

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## From Mexico with Love



Teacher Kim Herr gets a warm up hug from a couple of her students from Colegio Vancouver in Puerto Vallarta, Mexico. See story on page 2.

## Serving through knowledge

**President meets community leaders, on-campus session set for April 16**

By Richard Cairney

The University of Alberta hosted its Annual Report to the Community April 11, celebrating the ways it serves the greater community through knowledge.

A crowd of 250 government, business and community leaders joined U of A President Indira Samarasekera, Alberta Premier Ed Stelmach and Edmonton Mayor Stephen Mandel in celebrating the relationships that bridge the university and the greater community.

The president is also hosting an on-campus town hall meeting April 16.

"Having close interaction with the internal community is of paramount importance," Samarasekera said of the on-campus meeting, scheduled for 8:30 a.m. at Lister Hall. "This town hall meeting

allows me the opportunity to have meaningful and direct communication with faculty, staff and students, so we can achieve an ultimate focus on our vision, Dare to Discover, while receiving feedback on our progress to date."

In a keynote address Wednesday, Samarasekera outlined the university's achievements over the past year and its aspirations for the future.

Samarasekera cited examples of three U of A research breakthroughs that have received international attention during the year: the tantalizing prospect of a new process to regenerate dental tissue in humans, the completion of the human metabolome project – a list of ingredients for human life – and the discovery of a

potential new cancer treatment.

There were many achievements and awards, "but with 18 faculties and our rich array of multidisciplinary academic, research and community-service undertakings, I cannot begin to do justice to all the accomplishments that should be acknowledged," Samarasekera said.

At last year's event, Samarasekera unveiled Dare to Discover, the university's vision and mission. This year she updated the audience on its progress. Dare to Discover, she noted, now guides decisions and growth "in every corner of our institution."

Dare to Discover, Samarasekera said, was just the beginning.

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Teachers' connection carries over into a Mexican classroom

Alumna, students visit campus

By Ileiren Byles

A group of young visitors to Edmonton Amade a stop at the University of Alberta to meet their teacher's teacher – and to engage in an April snowball fight.

"They were all praying to see some snow, so I told them that this is their fault," grinned U of A alumna Kim Herr, the teacher of the group of Grade 6 students from Colegio Vancouver in Puerto Vallarta, Mexico. "Actually, I think this is wonderful for them. It's 100 per cent different than anything they've seen before."

For the first time, the group of sixth graders walked the halls of the U of A to practice their English and get a taste of Alberta culture. Accompanied by Herr, the bilingual students participated in a class with the university's education students and toured the campus.

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"They really wanted to see the U of A. They really wanted to meet Bev. She's a celebrity in my class."

— Kim Herr

Normally, students from Colegio Vancouver take a trip north to the school's namesake in British Columbia.

"But the kids flat out said, 'We don't have any interest in going to Vancouver. You're not from Vancouver,'" said Herr.

The youngsters also had someone else in Edmonton they wanted to meet – U of A instructor Bev Kula.

"They really wanted to see the U of A. They really wanted to meet Bev. She's a celebrity in my class," said Herr, who refers to her relationship with her teacher as "speed dial."

"She's \$300 of my \$400 phone bill every month," said Herr. "She helps me with classroom management, ideas, inclusion, connections – all of the above. She's multi-purpose."

One of the unique challenges and opportunities that Herr faced in the Mexican school was almost complete freedom to determine her lesson plan.

"The program is fairly open. We have no curriculum per se, to follow. So, I make up my own program. The reason we're here today is because I've adopted pretty much everything that Bev taught me into my own classroom," she said.

Kula's class, EDEL 316: communicating through elementary math, is required for every student in the Faculty of Education. For Herr, who already loved mathematics, it sparked a new passion for the subject.

"In my classroom we covered geometric



Students from Mexico's Colegio Vancouver frolic in the Edmonton snowfall.

shapes in math and then pulled that into science, and we did building and structure, and then we brought that into social studies because we looked over building structure and architecture," she said.

For Kula, being able to see the results of her teaching is warming, despite the spring snowfall.

"It just does your heart good because, first of all, it's great to see that your students are carrying what you've taught with them, but to see this happening is amazing," she said.

"It's been lovely to see Kim's journey and how she's grown as a teacher.

And, when you listen to these kids, I am so impressed with their reasoning and their thinking."

The students are in Edmonton for eight days, and besides their trip to the U of A, they'll meet up with some pen pals at local elementary schools and check out the city's popular attractions like West Edmonton Mall, the Muttart Conservatory and the Telus World of Science.

"There's no free ride with this teacher, you've got to learn every day," laughed Herr. "We even make them create budgets for their money every day – and that's math." ■

Digitization efforts

Continued from page 1

The end result is "very, very useful as a tool for historians to get more data about various things they're interested in," said McMahon, from the U of A's Campus Saint-Jean, the only French-language faculty west of Manitoba.

A time-consuming endeavour, the project cost more than \$100,000 and was largely funded by the Francophone Secretariat branch of the Alberta government.

The project, which involved University of Alberta Libraries, is coming to a close as the few remaining newspapers are being tracked down and digitized. The accumulated body of knowledge now allows scholars, students and history buffs to learn more about the Edmonton community as it existed as long ago as 1898.

Since the influx of immigrants into the western provinces between 1910 and 1914, the French population of Alberta became "an important minority until the 1920s," said McMahon, and French culture has remained an important part of the province's multicultural tapestry.

Francophone newspapers continue to thrive. La Survivance, which began in 1928, has evolved into the present-day paper Le Franco, which serves the francophone community across Alberta.

According to Le Franco's current editor, Étienne Alary, the paper has played a critical role in preserving francophone culture in Alberta. "With assimilation...it's so easy to be involved in the Anglophone community. For the francophone community, Le Franco has helped them keep their language."

The newspaper collection is available online at www.peel.library.ualberta.ca. ■

La Survivance
Organe officiel de l'Association Canadienne-Française de l'Alberta
Pourquoi un journal?
L'union dans la race
Les récents pourparlers. — Notre attitude
Un coup de théâtre en Alberta

The front page of the inaugural issue of La Survivance, Alberta's first francophone newspaper.



# Public knowledge

*Open access publishing pushes scholarship into the public realm, advocates say*

By Caitlin Crawshaw

While 'publish or perish' is a familiar refrain on campus, the dissemination of published research isn't usually front of mind for academics. But a leading advocate of open access scholarship says it ought to be.

"We're so focused on publishing that we think it's an end in itself. That is, if I get it in a journal, my job is done, and that's it. I move on to the next article," said Dr. John Willinsky, a professor of literacy and technology at the University of British Columbia who spoke at the University of Alberta in March.

But published articles can be tricky to access by other researchers and the public, as online academic journals charge hefty subscription fees. As a result, the work produced in publicly funded academic institutions is often not easily accessible by the public it's meant to serve.

This is why Willinsky is an advocate for open access publishing, a movement which works to eliminate the barriers between published research and readers. The movement began in the 1990s and is a product of the creation of the Internet and growing concerns about rising prices of journal subscriptions, which have caused universities to reduce their access to scholarly publications.

The open access phenomenon is relatively new, "but the common spirit of open access science or increasing the circulation of knowledge is a constant for research and scholarship – so there's an old and a new element," said Willinsky. "In some ways you might say we're just taking advantage of a new technology to increase what we've always been about."

The concept is fairly simple, although it's difficult to categorize open access versus non-open access publishers, says Willinsky. While some new journals are being created to be entirely open access (accessible for no charge to the reader, but sometimes with a small cost to the authors), others are experimenting with degrees of open access. Some journals, for instance, keep new research papers subscription-only for a set period of time, before releasing it publicly. Others have allowed developing nations with a certain per-capita income to access their journals at low or no cost.

And some publishers give the author of a paper the option to attach a copy to their own website or to deposit it in an open access institutional repository – a practice known as 'self-archiving.'

Willinsky says that if every professor self-archived, 80 - 90 per cent of knowledge could be open access, up from the 15 - 20 per cent that's currently available.

Professors, faculty members and grad students "haven't quite caught on to that idea," said Willinsky, despite the fact that it's in their best interest. Open access technology has the potential to increase a professor's citations by 50 - 250 per cent, depending on the discipline.

"It could do wonders for faculty members in terms of their impact, their readership, their citation count, but it hasn't become part of the scholarly culture," said Willinsky.

However, he is optimistic, particularly because research funding agencies are catching on. The Canadian Institutes for Health Research, for instance, will likely mandate open access publishing within the year and the Social Sciences and Humanities Research Council is now offering funding for open access journals for the first time – although publishers are rallying against these measures.



Librarian Denise Koufogiannakis says open access relates to the central tenets of librarianship.

For Dr. Alice Nakamura, a management science professor in the School of Business, open access is a welcome trend.

"The reputation of an individual researcher, of their department, of their faculty and their university, is best served by getting it out there, so their work is cited as much as possible," she said.

After all, an academic's work is far less likely to be cited when it's only accessible by subscription. Even when an individual article can be accessed online for a fee, the process is too involved for many people.

"From the point of view of an author, I don't want my paper tied up in that arrangement, because what I know from my own behaviour, is that when I'm working on a paper and maybe I have a deadline for getting it in, which is maybe the next day, am I really going to spend 25 minutes of my time trying to figure out how the heck I can get to see this paper? Most likely, unless it's really, really important, I'm going to forget about that paper and go work with someone else's paper on the topic."

Nakamura thinks open access publishing is a welcome correction to rising subscription prices and the control commercial presses have had over material created by universities.

"The irony is that the (cost of) technology has come way down, but if you go over to the book store and look at the prices of the text books that the students have, or you look at the prices the university libraries are charged for the main journals, they've gone up," said Nakamura, the former president of the Canadian Economics Association, which publishes the *Canadian Journal of Economics*.

"So how is it that you've got a situation where the technology has made it steadily cheaper, and the intellectual input is not paid for by the presses, but the prices have gone way up?"

According to Denise Koufogiannakis, a collections and acquisitions co-ordinator with U of A Libraries, the library – and many academic libraries across North America – have found ways to deal with rising subscription costs. One strategy has been to buy subscriptions to journals as a consortium. However, the sheer volume of journals available has meant that the library can't subscribe to every one, and that students and researchers don't have access to all of the knowledge available.

U of A Libraries is involved in many open access initiatives. It is a member of

the Scholarly Publishing and Academic Resources Coalition, an international alliance of academic and research libraries working to correct imbalances in the scholarly publishing system.

The library also subscribes to numerous open access online journals, which offers a discount to U of A authors publishing therein. Additionally, it provides a number of publishing services, including managing an institutional repository and hosting Open access e-journals, using the Open Journal Systems software.

OJS is a journal management and publishing system developed by the Public Knowledge Project, which Willinsky began in 1998. The advocacy group works to promote Open access publishing around the world and strongly supports academic publishing in Africa.

Koufogiannakis figures that open access publishing is ultimately central to the philosophies behind scholarship and librarianship.

"For librarians, it's just a natural thing to support open access, because for us, access to information is the key tenet of our profession, it's really what we do. We want to see that scholarly information is available to researchers and students." ■



## Parking strategy all stick, no carrot

*Regional transit isn't up to the task, no disincentives for gas guzzlers*

By Reuben Kaufman

In January, the Board of Governors approved increases in parking fees as follows (Folio, February 2, 2007): 8.6 per cent from April 1, 2007, Consumer Price Index plus five per cent from April 1, 2008, and CPI plus 10 per cent from April 1, 2009. One can safely bet that such punitive increases will continue indefinitely beyond then. Don Hickey, VP (Facilities Management), claims the increases are one means to encourage greater use of public transport to the university. But in the absence of very significant improvement to the capital region's public transport system, increased parking fees strikes me as a poorly disguised cash-grab that should be opposed vigorously by AAS:UA and NASA.

The university does have a long-term Travel Demand Management plan. The TDM outlines strategies to accommodate anticipated growth of the university without a concomitant increase in vehicular traffic. Some of the strategies are to: increase parking fees, implement a South Campus "Park'n'Ride", implement a

"One-card zone among UA campuses on LRT for staff/faculty", improve pedestrian and bicycle options, and construct additional student residences. "TDM will make single-occupant vehicle travel less attractive by introducing incentives and disincentives that make alternative travel modes such as transit, carpooling, walking and cycling more accessible and attractive (TDM executive summary)." So the stick is increased parking fees. Where's the carrot? Hickey looks forward to the LRT extension to South Campus in three years "offering staff and students the opportunity to park there at a lower rate and take the train to main campus." The university also hopes to negotiate with ETS a low rate for using the LRT between Enterprise Square and South Campus. But the TDM fails to address the high user cost and infrequent service of our public transport system. It's a sad fact that our low population density makes it impossible to provide adequate public transport in the absence of signifi-

cant public subsidies. But if only the cost of a monthly transit pass were frozen at current levels, over time the system would inevitably gain riders. Instead, Edmonton city councilors are now debating "... a proposal that could see the cost of monthly adult passes jump 50 per cent over the next six years" (*Edmonton Journal*, April 4, 2007). So as laudable as the TDM is in theory, the main disincentive to park will continue to be undermined by an equivalent disincentive to switch to public transport.

ETS informs me that the purchase cost for a typical bus is around \$400,000, and the total annual operating cost per bus is roughly \$120,000. Meaningful improvement would thus probably require about an order of magnitude more than the current annual revenue of Parking Services (approximately \$10 million). But in the absence of political will to recognize the environmental benefits of reducing our dependence on private vehicles, the university's TDM is unlikely to have much

environmental impact on its own. This is why I think it's disingenuous for the administration to invoke environmental motives when slapping us with an overall increase in parking fees.

But there may be a rational way to reduce our environmental impact immediately. An informal walk around Windsor Car Park reveals that at least 50 per cent of the vehicles are SUVs and pickup trucks. If the TDM goal really is environmental improvement, surely the parking penalty should be somewhat in proportion to the size of the vehicle. I may not make friends for proposing this, but charging triple the standard parking rate for gas-guzzlers could achieve far more ecological benefit than across-the-board increases. Parking Services revenue would decrease with the flight of the gas-guzzlers, of course, so I don't imagine this proposal will be given much attention. ■

*(Reuben Kaufman is a professor in the Department of Biological Sciences.)*

## President plunges Ukraine into political crisis

By David Marples

In early April, President Viktor Yushchenko of Ukraine signed a decree that dissolved parliament and established May 27 as the date for new elections. However, both Parliament and the Cabinet of Ministers have rejected this decree as unconstitutional. In a televised meeting, the cabinet ordered all government institutions not to obey it.

How serious is this impasse and what does it mean for the future of Ukraine?

Yushchenko's position is fairly weak. In an address to "the Ukrainian people," which was published on the website of *Ukrains'ka Pravda*, he cited some objectionable occurrences in Parliament, particularly the changing of allegiance of several MPs at the behest of the governing Regions party, led by Prime Minister Viktor Yanukovich.

In recent weeks, 11 MPs of the now United Opposition (Tymoshenko Bloc and Our Ukraine) have defected to the ruling coalition, which wants to reach the magic 300-vote threshold, at which it could overturn a presidential veto or change the country's constitution.

On March 24, after a prolonged dispute, Arsenii Yatsenyuk was appointed foreign minister after parliament had successfully blocked Yushchenko's candidate, Volodymyr Ohryzhko. On this day also, Anatolii Kinakh, a former prime minister who leads the Party of Industrialists and Entrepreneurs, crossed the floor and subsequently was appointed minister of economics.

Yushchenko maintains that it is his duty to preserve the state and the sovereign integrity of Ukraine. He denounced "illegitimate" and "unconstitutional" decisions, cheating, and intrigue, claiming that the parliamentary majority seeks to usurp power.

Whether he is upholding the law is very debatable. The constitution may offer some solace in that changes to factions can only take place within one month after the election. It is also indisputable that the Regions party is resorting to harassment, persuasion, and allegedly even bribes, to induce opposition deputies to switch sides.

On the other hand, the election of March 2006 was recognized internationally as free and fair. Though the vote was split between several parties, the Regions had a substantial lead over the next closest challenger, the Yulia Tymoshenko Bloc. Further, although the Orange forces – victorious after the uprising of 2004 overturned the original, flawed decision of the presidential election – had a small plurality of the votes, they failed to form a coalition. There is no reason on paper, therefore, for the president to call another election so soon.

Moreover, a presidential decree becomes lawful once published in one of the government newspapers. Both newspapers are effectively in the hands of the Regions party and may decide not to publish the decree dissolving Parliament.

Parliament has appealed for a ruling from the Constitutional Court. That court

would need to deal with a minefield of legal problems, including a number of decisions passed by the current session and the question of the limitations placed on presidential power over the past two years. Expected within a week, the decision is likely to favour the Cabinet of Ministers and Parliament over the position of the president.

If Yushchenko's decision is overturned, where does that leave him? He stated in his address dissolving Parliament that "there will be no disruptions to prevent this manoeuvre" and that "all efforts to threaten the security (of citizens) will be overcome and punished." But who will carry out these "punishments?"

Yushchenko has one critical source of support, namely the Ukrainian army. The Cabinet of Ministers deploys the Special Forces, crack troops who are trained for emergencies. One can hardly imagine that such agencies would be deployed against each other, but it is the scenario that is most feared. In 1993, a similar confrontation occurred in Moscow, during which the Russian army was turned on the defiant Parliament by then president Boris Yeltsin.

Recently, both sides marshalled their support in a show of strength in Kyiv. Observers for the Boston-based Institute for the Study of Conflict, Ideology, and Policy claim that 70,000 people met on Independence Square to protest the tactics of Yanukovich, while 30,000 rallied on behalf of the prime minister. However, a

report in the *Eurasian Daily Monitor* says that supporters of the ruling group were in the majority. The point is clear: the Yanukovich forces are now mobilized and powerful. They do not intend to be taken by surprise as they were by the size of the demonstrations in 2004.

There is no easy way out of this impasse. Yushchenko has been forced to take a strong stand belatedly because he has seen his power slip away. Yet, his assertion of authority is constitutionally questionable. Though he has Article 83 of the constitution (on formation of majority factions) on his side, in other respects his position is less tenable.

Further, even if another election were to be held in May, his support is low and he would be obliged to reach a new compromise with his nemesis Tymoshenko, recently returned from a successful and high-profile visit to the United States.

More critical is the avoidance of civil conflict, which could end a period of economic and social stability in Ukraine. The moral high ground may belong to the president, but his only alternatives are confrontation or resignation. ■

*David Marples is director of the Stasiuk Program for the Study of Contemporary Ukraine at the Canadian Institute of Ukrainian Studies, University of Alberta. This column originally appeared in the April 4 edition of the Edmonton Journal.*

### Mandatory retirement update

Subject to ratification by the membership of the AAS:UA, the practice of mandatory retirement for all academic staff at the University of Alberta will end June 30. The results of the ratification vote should be available in late April.

As information becomes available it will be posted online at: <http://www.uofaweb.ualberta.ca/provost/>

An information session is scheduled to allow opportunities for all staff members to learn more about the changes.

In Council Chambers at University Hall  
April 17 3:30 – 4:30 p.m.

#### Some frequently asked questions:

**Q: My normal retirement date is June 30, 2007. I have to make some big decisions quite quickly; what are my options?**  
Please contact your Chair and/or Dean to discuss your intentions as soon as possible. We are anticipating that you will need to make your decision whether or not to retire by April 30, 2007.

If you require additional information to make your decision, please attend the information session or contact Donna Herman at [donna.herman@ualberta.ca](mailto:donna.herman@ualberta.ca) or contact Donna Herman.

**Q: How do I receive information on my pension as I try to make decisions about retirement?**

Information is currently being compiled on the various options and the rules, regulations and policies that will apply to each of these options. If you require information to make immediate decisions, you can create your own estimates by clicking on the Retirement Planner at the UAPP website <http://www.uapp.ca/>. If you do not know your user ID and password, call 1-866-709-2092.

**Q: What happens to my benefits when I reach the age of 65?**

Staff members who work full-time beyond age 65 will continue to have benefit coverage with the exception of the following changes: disability leave benefit coverage ceases June 30th following attainment of age 65, life insurance coverage and critical illness insurance both cease on your 70th birthday, and UAPP benefits must commence December of the year of your 69th birthday.



# Student-designed vehicles compete for ‘Holy Grail’

Engineering students compete at annual Design Project Competition

By Caitlin Crawshaw

It was a quest for the Holy Grail with a squad of autonomous vehicles squared off against gravity and friction.

On April 2, the students of Mechanical Engineering 260, taught by Dr. Roger Toogood, competed in the annual Design Project Competition. The goal of the event was to design and build autonomous vehicles able to travel through a tunnel and across a platform to rescue the Holy Grail (a small, gold-coloured cup) within a time limit.

“It’s an open-ended design project, so while we give them the goal that we want them to accomplish, and a bag of parts, basically – gears, pieces of sheet metal, string and stuff – they have to figure out from scratch how they’re going to accomplish this,” said Toogood.

The project employs technical skills – like calculating gear ratios – and creativity.

When students began designing their vehicles at the beginning of the term, some designs were over the top, resembling Rube Goldberg machines, said Toogood. However, by test day students had learned the value of simplicity.

“Simpler means easier to make, easier to debug when it’s not working, et cetera.”

Vehicle assembly was also an eye-opener for many students, he said.

“It’s a pretty fundamental, hands-on, design-and-build kind of thing. A large fraction of the students in this class have never built anything – they’ve never worked with power tools, they’ve never worked in a shop, they’ve never drilled a hole with an electric drill. So, for a lot of them, it’s the first time in the shop, the first time they’ve built something. The learning happens on all kinds of levels and scales in this course,” said Toogood.



Samantha Miller, Jamie Yuen and Faraz Moazzan line up their vehicle at the starting point of the mechanical engineering 260 class’s Holy Grail assignment.

For student Jamie Yuen, the project was a refreshing change from course work.

“It’s a lot more interesting than doing all of the math and stuff. This is what I actually want to do, the hands-on part when I’m out there working. I don’t just want to do the theoretical stuff...I want to actually end up in a job where I can see the end result,” he said.

Yuen’s teammate, Faraz Moazzan, figures the hardest part of the project was anticipating “all of the various things that can go wrong during the actual test.”

“The way we tested it, we checked everything out, but at the last second something we thought would work, went

wrong. So I guess a lot of things you have to check before the test and during the building of the model.”

Teams received points according to the precision and speed with which the autonomous vehicles perform, however whether the vehicle is able to seize the grail on test day accounts for only a small portion of the project grade, said Toogood.

“We do have a lot of fun - there’s a lot of pressure, because of course they don’t want their vehicle to bomb out in front of their peers. There are tremendous bragging rights in being able to tell everyone how well your vehicle did on test day.” ■

A large fraction of the students in this class have never built anything – they’ve never worked with power tools, they’ve never worked in a shop, they’ve never drilled a hole with an electric drill.”

– Dr. Roger Toogood

## Serving through knowledge

► Continued from page 1

The university has built on that concept with its new academic plan, Dare to Deliver.

“It is designed to put discovery and delivery into a productive cycle that will build the vibrant and supportive learning environment that is at the heart of our vision in Dare to Discover,” she said. “We are now prepared to blaze trails into our next century, honouring and celebrating our past, while filled with purpose and commitment to the future.”

In his remarks, Premier Stelmach said he’s impressed by the dedication involved in teaching and learning, from students, parents and professors. The U of A plays an important role in the provincial economy, drawing together ideas, creativity and business expertise, he added.

“By helping students and researchers take ideas from campus to the marketplace, you have opened endless opportunities for growth and development in Alberta’s business,” Stelmach said. “And it does support one of our goals, which is to broaden Alberta’s tax base to move away from the dependency on one revenue stream, which is oil and gas.”

“For nearly a century, the University of Alberta has helped create outstanding citizens, instilling the passion for learning and community in every student,” Stelmach added. “As an Albertan, as premier of this great province, I am so proud – proud to have an institution like the University of Alberta, to have community leaders who are dedicated to supporting higher learning, creativity and discovery.”

Mandel cited the strong relationship between the university and the city – and the relationship the two have with the provincial and federal governments. Enterprise Square, the university’s downtown campus, is a symbol of that co-operation, he said.

“The faculty and students are creating a vibrant hub of activity downtown, strengthening the university’s ties to business as well as the arts and cultural communities,” said Mandel. “It’s so nice to walk by the old Bay Building to see how the university’s presence breathes new life into this historic city block.”

Set to open this fall, Enterprise Square will house TEC Edmonton, the university’s technology commercialization arm, the Faculty of Extension, School of Business professional development programs and a handful of administrative units, including Alumni Affairs. About 600 university staff will move to Enterprise Square.

Samarasekera said Enterprise Square is just one of many initiatives the U of A is undertaking as it prepares to celebrate its centenary in 2008.

“We are entering a very important year ... for all of us, 2008 will be a year of remembrance, of reflection, of celebration – a year when, more than ever, we will be exploring new ways to create a legacy that will carry our institution and the province of Alberta forward in a position of national and international leadership,” she said.

“One hundred years ago, Henry Marshall Tory stood in a muddy field on the edge of a broad, fast-flowing river under the big, blue skies of a brand new province and predicted: ‘Great things are about to happen.’ Now they are happening every day at the U of A – in Edmonton and in Alberta. We in Alberta are very privileged by the convergence of our resources and resourcefulness. This is something we must remember and reflect on every day, as together we forge into our second century and continue to build a foundation for the great things that can be achieved by the generations to come.” ■



President Indira Samarasekera outlined the university’s achievements for the past year and plans for the coming year during the annual Report to the Community at the MacDonald Hotel April 11.



## Rock on

**Rob Krepps takes curling to a new level**

By Richard Cairney

Some people would have trouble keeping their focus after helping a national sports team to a world championship. But Rob Krepps is a modest person, describing his role in the Canadian men's curling team's international title "small."

"It's business as usual," he said earlier this month, as he taught a PAC 383 curling class. "The first thing I did when I got back to work was teach a class."

Krepps, the curling manager at the U of A's Saville Sports Centre on South Campus, served as a scout for Glenn Howard's national curling team at the start of April, looking for chinks in the armour of potential opponents.

"This is something that really has not happened in our sport – I am probably the first person who has done this, and hopefully I am providing some information to the team that can help them along," said Krepps.

"As a sport we are really starting to evolve and become more professional with what we do on the coaching side of things – that is where this idea came about, to try and help the team in that way."

Krepps was keeping himself busy scrutinizing the playing habits of possible opponents, studying the ways different teams played, assessing their strengths and weaknesses and reporting back to the national team.

"You look at the other teams' technical skills and you try to figure out strengths and weaknesses: do they do one turn better than another? Are they better on draws than take-outs? That is where you start, with the technical side of things," he said.

"The greater insights can come by looking at it from a strategic perspective and examining their patterns in terms of the shots they call – the way they start ends is helpful to know, and that is dependent on scoreboard situations – you have to watch the games closely and try to encapsulate it the best you can."

Krepps says there are other people in the country able to provide the same service he has, but the fact of the matter is that Krepps has recently drafted a new strategy and tactics manual for the Canadian Curling Association. With about 25 years of experience as a competitive player, a coach and curling facility manager, Krepps is one of about a half-dozen curling coaches in the country coaching elite curlers at the Canadian Curling Association's high performance training camps, at the Saville Centre. Krepps and other coaches work for the betterment of the game, as opposed to a particular team.

**"As a sport we are really starting to evolve and become more professional with what we do on the coaching side of things – that is where this idea came about, to try and help the team in that way."**

—Rob Krepps

"We don't coach teams," he said. "We are trying to help various teams that are part of national team program to perform at the highest level possible."

The good news for the U of A is that next season, curling will become an official Canadian Interuniversity Sport event – and Krepps is coaching the Golden Bears team.

In late March, the Golden Bears team lost its bid for a national title when it went into extra ends in a final game against Manitoba. While it was the last-ever non-CIS curling title, the U of A had already made changes in the way it handled the sport.

Typically, there would be a competition to see which of several U of A teams would represent the university, Krepps said. But this year, the strongest players were chosen from a variety of campus teams and coached as the Golden Bears squad.

"We are starting to treat curling very much as any other varsity sport – and it's high time," said Krepps.

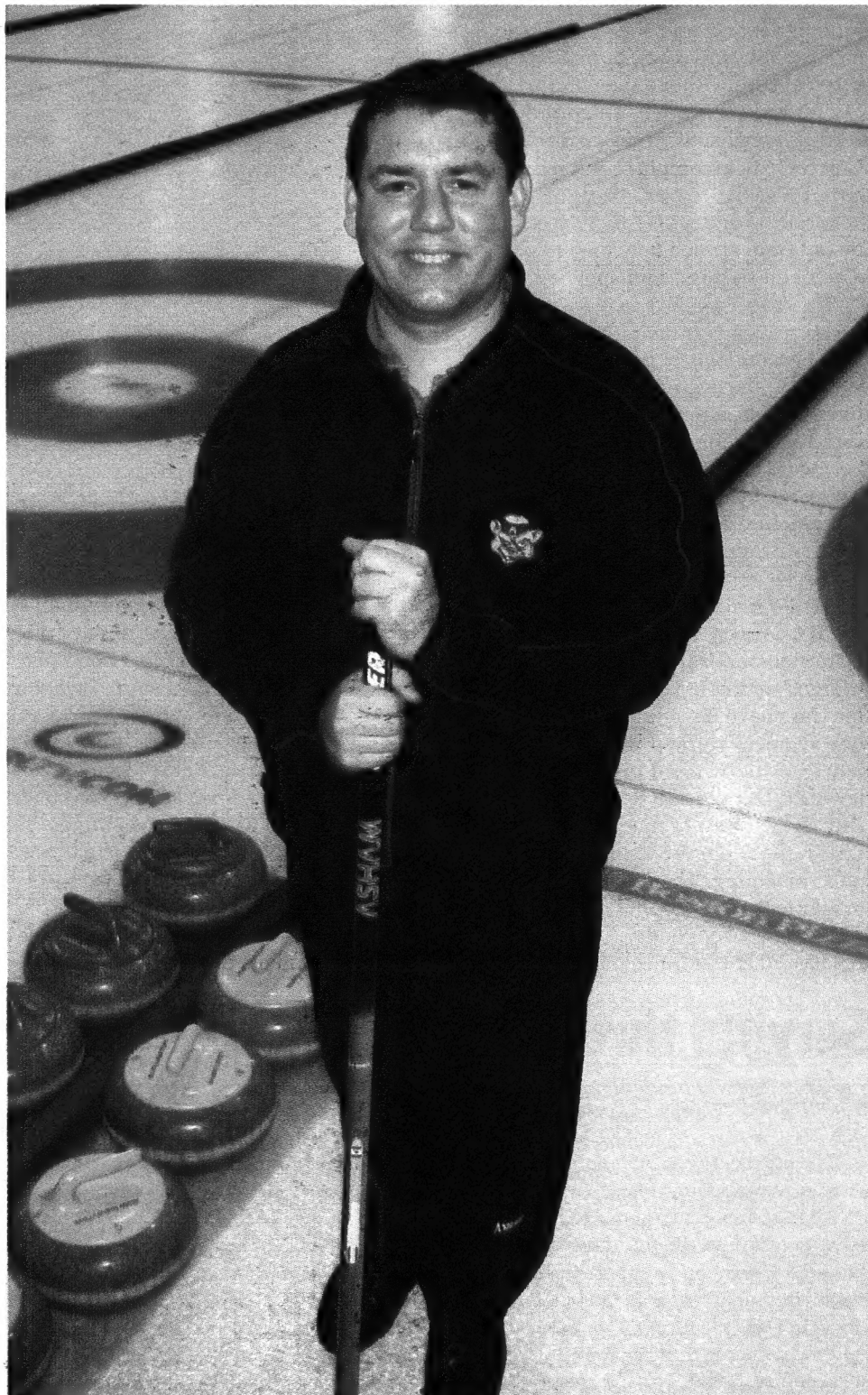
But last week, the national team had Krepps' full attention. It turned in what is being referred to as the most dominating performance of any Canadian team.

"They just played so well – their shooting percentage was over 90 for the week, which is unheard of. Just the mastery of everything they do was amazing."

"The funny part is that the first game I watched Canada play was their last – because all week long I'd been watching their future opponents. I'd watched Germany play eight times."

Now, back at the Saville Centre, Krepps is preparing for a busy summer. The facility's ice will be taken out from the end of April until the end of July, when it hosts innovative programs for kids – and some of the world's best curlers.

Over the summer, some of the best curling teams in the world will train at the centre, and Krepps and his colleagues will be



U of A curling manager Rob Krepps served as a scout for the Canadian national curling team last week, assessing strengths and weaknesses of potential opponents.

busy preparing some of the country's best players for the 2010 Olympics in Vancouver.

The work Krepps did during the world championships could contribute to that golden goal.

"One of the key things is we are building a database on these teams as we head to 2010 in Vancouver," he said. "So in some ways we are gathering information on teams that we might face in the Olympics." ■





# Students helping students

## Mentoring program pairs graduate and high school students

By Caitlin Crawshaw

For high school student Aleishia Cloutier-Parcels, the prospect of attending university is both exciting and daunting.

“There are so many buildings. From the outside it looks bigger, I suppose, than it is on the inside. But I’m still apprehensive about going there,” she said.

“Mentorship exposes our students to real people in real life that are truly passionate about their careers.”

– Jack Geldart

But Cloutier-Parcels feels better prepared after connecting with her mentor, U of A master’s student Nicki Renault, who has helped the high school student understand university life and her educational options. Renault and Cloutier-Parcels met through the Focus in Research, Science, and Technology mentorship program, which connects U of A graduate students with Wagner High School students who are considering attending the U of A.

“It’s an amazing program, it makes things so much easier. It takes the stress off. The idea of university, in high school – it’s a frightening type of thing,” said Cloutier-Parcels.

The mentorship program began in 1994 after Wagner, once a vocational high school, began focusing on sciences and technology, says principal Jack Geldart.

“The mentorship program provides an invaluable, low-risk introduction for our students to explore careers in post-secondary programs. Every year, our students comment on how their contact with mentors has either confirmed that they are on



Grad student Nicki Renault is mentoring a local high school student who’s planning on attending university.

the right track in planning for their future or that what had seemed like an ideal career path may not be for them,” he said.

“One of the greatest challenges for a young person is to begin to plan for a future that can seem very distant and daunting, given the wide variety of career choices and post-secondary study opportunities that are available. Mentorship exposes our students to real people in real life that are truly passionate about their careers.”

For now, Cloutier-Parcels is keeping her options open, but she’s considering entering the drama program, as her men-

tor did. The program has given Cloutier-Parcels the opportunity to get a feel for the campus, and she has toured the art and drama departments, the prop rooms and more. “It’s kind of opened my eyes to what I’d actually be doing in drama,” she said.

And her mentor has connected her with theatre in a meaningful way. “Nicki offers me acting opportunities, something I probably would never get if I wasn’t in the mentorship program.”

Renault has been communicating with Cloutier-Parcels since the fall, mainly online. Renault enjoys “helping someone

“I guess it’s not as scary when you see it from the point of view of someone who’s been there so long.”

– Aleishia Cloutier-Parcels

else find her feet,” and admits to feeling some pressure as being someone’s mentor is a bit of pressure. Renault hopes to be a resource, more than anything else. “I don’t think I’m perfect or flawless by any means, and I think part of this is about teaching someone my mistakes and my successes.”

“No molding, no shaping. I’m going to show her what she can do.”

But mentoring isn’t a one-way street. “I’m learning how to listen again. And I’m learning about being in high school and how different the high school perspective is,” Renault said.

For her, communicating with Cloutier-Parcels has reminded Renault of her own path. “High school was hard, and I kind of let it go when I was done.”

For Cloutier-Parcels, it’s refreshing to know that her mentor, while further on in her educational career, isn’t perfect.

“Nicki, she’s been at this for six or seven years, and she’s still learning...so I guess it’s not as scary when you see it from the point of view of someone who’s been there so long.” ■

# Remote sheep population resists genetic drift

## Population that descended from one breeding pair maintain genetic diversity

By Ryan Smith

A wild sheep population on a remote Indian Ocean island is causing a stir among genetic researchers.

Propagated over 50 years and dozens of generations from a single male and female pair transplanted from a Parisian zoo, the Haute Island mouflon sheep herd has maintained the genetic diversity of its founding parents. This finding challenges the widely accepted theory of genetic drift, which states the genetic diversity of an inbred population will decrease over time.

“What is amazing is that models of genetic drift predict the genetic diversity of these animals should have been lost over time, but we’ve found that it has been maintained,” said Dr. David Coltman, an evolutionary geneticist at the University of Alberta.

“We think this has happened because natural selection is more important to the evolutionary process than is commonly believed,” he added.

Genetic diversity refers to the total amount of possible gene combinations that a mating male and female couple can produce. Scientists believe greater genetic diversity corresponds with greater odds of survival and successful reproduction due to a greater variety of genetic tools an organism has to combat the forces, such as diseases, that may otherwise weaken or kill it.

Coltman believes the harsh environment of Haute Island, with its cold winters, scarce resources and grass-borne parasites, has “kept the mouflon on their genetic toes, so to speak.”

He argues that the extreme conditions on the craggy, windswept six square-kilometre island have prevented genetic drift due to

“There may be other natural populations that may have been studied in a controlled environment over the years, but I don’t think there has ever been one in which you’ve been able to trace the DNA of the original, founding couple.”

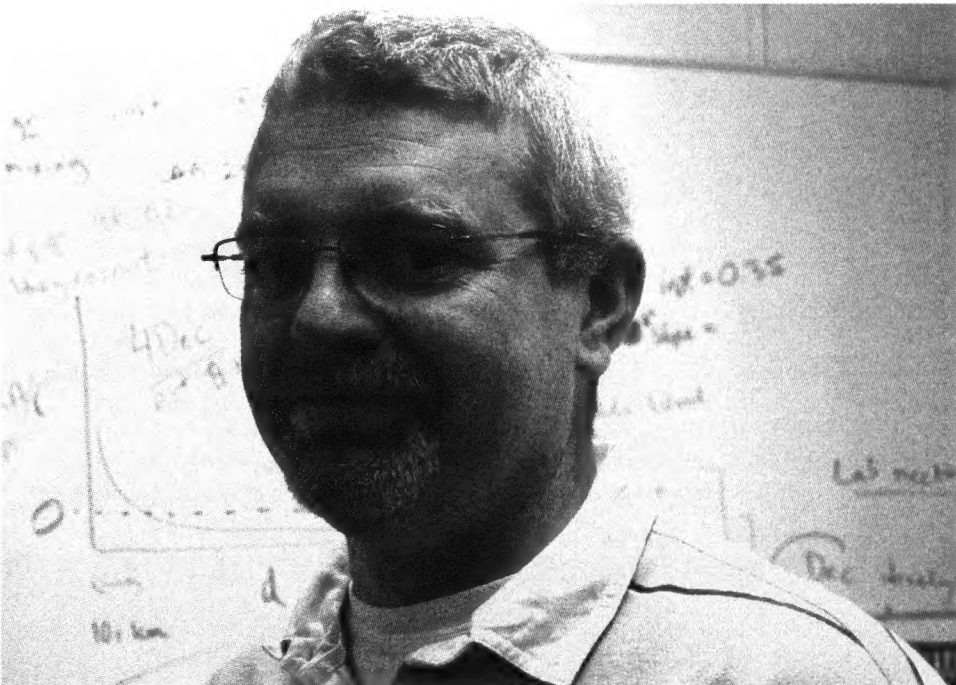
–Dr. David Coltman

the premium advantage the more genetically diverse mouflon on the island hold over their less genetically diverse cousins.

“This herd certainly challenges our understanding of genetic drift,” he said. “And I think it shows us the power of natural selection.”

Coltman and his colleagues, including Drs. Renaud Kaeuffer and Denis Réale from the University of Quebec at Montreal, and other collaborators from France, have published the results of their research recently in the journal *Proceedings: Biological Sciences*.

Haute Island sits in the Kerguelen Archipelago in the southern Indian Ocean and is more than 3,000 km from the nearest port. The French government has used the island as a military outpost since the early 1900s, with French settlers arriving in the 1950s.



Evolutionary biologist Dr. David Coltman believes the harsh environment of Haute Island has helped preserve genetic diversity among the mouflon herd in Haute Island, in the southern Indian Ocean.

The Haute Island mouflon descended from two Corsican mouflons taken from the Vincennes Zoo in Paris in 1957. It is believed they were transferred to establish a sport hunting population for the settlers. Mouflon are a hardy and prolific species. Ewes are able to produce an average of more than five offspring in a four-year lifespan. The Haute Island mouflon population peaked around 700 in the 1970s and since then has bounced between 200 and 600.

Coltman and his colleagues were able to trace the DNA of the original Haute Island mouflon couple using some samples of teeth, bone and fur that had been

preserved from the Vincennes Zoo since in the 1950s. DNA samples from subsequent generations were taken from the mouflon that had been kept as hunted “trophies” in the 1960s. Scientists arrived at Haute Island in the ‘70s and then began collecting samples themselves.

“The Haute Island mouflon have presented us with a rare opportunity,” Coltman said. “There may be other natural populations that may have been studied in a controlled environment over the years, but I don’t think there has ever been one in which you’ve been able to trace the DNA of the original, founding couple.” ■



# U of A honorary degree recipients announced

**Anne McLellan, Wilton Littlechild among recipients**

By Folio Staff

From books and music to science and human rights, the University of Alberta will be recognizing a wide range of contributions to society with honorary degrees this spring.

Ten honorary degrees will be granted during Spring Convocation 2007 from June 5 - 8 and June 11 - 13.

## Wilton Littlechild

A Canadian Cree and U of A alumnus with bachelors' and masters' degrees in physical education and a degree in law, Littlechild was the first indigenous person appointed to Queen's Counsel by the Alberta Law Society. In 1988 he became the first Treaty Indian in Canada to serve as a member of Parliament. Chosen as one of only 16 dignitaries to serve as an independent expert on indigenous issues as part of the United Nations Permanent Forum, Littlechild has represented indigenous peoples at the United Nations since the 1977 World Council of Indigenous Development. He will receive an Honorary Doctor of Laws June 5 at 3 p.m.

Grant MacEwan College. Currently he chairs the Telus Edmonton Community Board, the Alberta Centre for Child Family and Community Research and the Enoch/Paragon Board. He will receive an Honorary Doctor of Laws June 6 at 3 p.m.

## Dr. Norbert Morgenstern

Morgenstern transformed geotechnical engineering as it is taught and practised around the world. He authored or co-authored more than 300 research publications. He was a member of the Expert Advisory Committee for the United Nations International Decade for Natural Disaster Reduction (1990-2000) and also served UNESCO as an expert advisor on strong motion seismology. Morgenstern will receive an Honorary Doctor of Science June 7 at 10 a.m.

## Allen Benson

Benson is a member of the Beaver Lake First Nation, former advisor to the minister of Aboriginal Affairs in New South Wales, Australia, and CEO of Native Counselling Services of Alberta. He



Wilton Littlechild

Preparedness Committee. She currently serves on the Community Outreach Committee of the Lois Hole Hospital for Women and is Chair of the Friends of the Legal Resource Centre, an organization that promotes access to justice. Additionally, she was a member of the U of A Faculty of Law for nearly 25 years. McLellan will receive an Honorary Doctor of Laws June 8 at 10 a.m.

## Sir Keith O'Nions

O'Nions, an alumnus of the University of Alberta, has contributed ground-breaking research in ocean geochemistry, heat fluxes from the mantle and the origin of the Earth's continents. A Fellow of the Royal Society and former chairman of the board of the Natural History Museum, he has also contributed to the work of the Natural Sciences Research Council and the founding of the European Association of Geochemistry. He received a Knighthood for services to Earth Sciences in 1999. He will receive an Honorary Doctor of Science June 11 at 3 p.m.

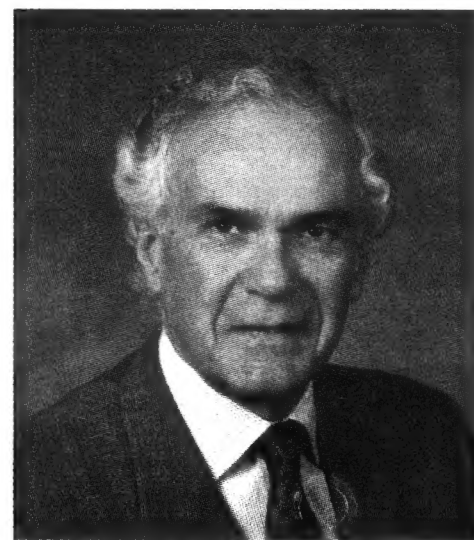
## P.J. Perry Guloien

Guloien is an internationally renowned jazz musician. One of Canada's pre-eminent exponents of the bop idiom, he learned to play piano and clarinet early in life and at age 14 he became a saxophonist in his father's band. He has shared the stage with musicians such as Boss Brass, Dizzy Gillespie, Slide Hamilton, Woody Shaw, Herb Spanier, Bobby Shew, Fraser McPherson, Ellis Marsalis, Joe LaBarbera and Clarence "Big" Miller. His recordings have won two Juno Awards and he has received the Jazz Report Magazine Critic's Choice Award for Best Alto Saxophone an unprecedented six times. Guloien will receive an Honorary Doctor of Laws June 12 at 10 a.m.

## Dr. Maria Klawe

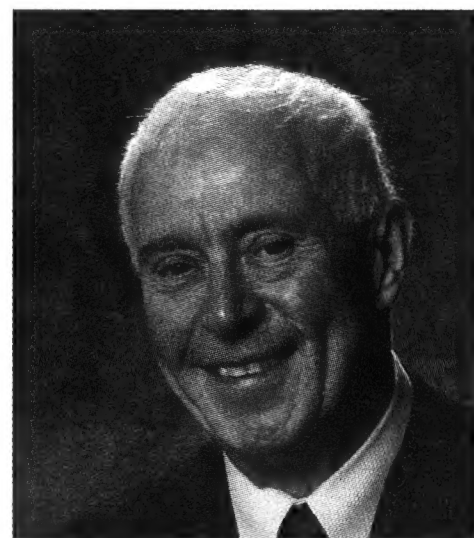
An alumna of the University of Alberta, Klawe has an international reputation as a visionary scientist and university administrator. President of the Harvey Mudd College, a liberal arts college of engineering, science and mathematics in California, Klawe has also served as dean of engineering and professor of computer science at Princeton University, and dean of science

at the University of British Columbia. An advocate for women and minorities pursuing careers in engineering, science and mathematics, she established a collaborative



Norbert Morgenstern

project on the design and use of computer games in enhancing mathematics and science education for students in Grades 4 - 9. Klawe is chair of the Board of Trustees of the Anita Borg Institute for Women and Technology in Palo Alto and a trustee of the Mathematical Sciences Research Institute in Berkeley. She will receive an Honorary Doctor of Science June 12 at 3 p.m.



Robert Westbury

## E. Hunter Harrison

Harrison is an innovator and leader in the North American railroad industry. His career began in 1963 when he joined the Frisco Railroad as a carman-oiler while still attending school. At the Illinois Central Railroad Company he initiated the concept of scheduled service for freight shipments, producing industry-leading operating ratios and on-time performance results. He was named North America's Railroader of the Year in 2002. President and CEO of CN since 2003, Harrison manages the company based on five guiding principles: service, cost control, asset utilization, safety and people. He will receive an Honorary Doctor of Laws June 13 at 10 a.m. ■



Anne McLellan

## Sheldon Bowles

Bowles is a best-selling author, successful entrepreneur and international speaker who began his career at the Winnipeg Free Press. A regular commentator on CBC Radio, he wrote for the Globe and Mail, Time Magazine and the Times of London. Bowles then moved to Royal Canadian Securities where he became president and CEO of Domo Gas. Bowles will receive an Honorary Doctor of Laws June 6 at 10 a.m.

## Robert Westbury

Westbury has been a director of curriculum development with the Edmonton Catholic School Board; president of Seeds (Society for Energy and Environment Development Studies) Foundation; vice president, TransAlta; and vice president,

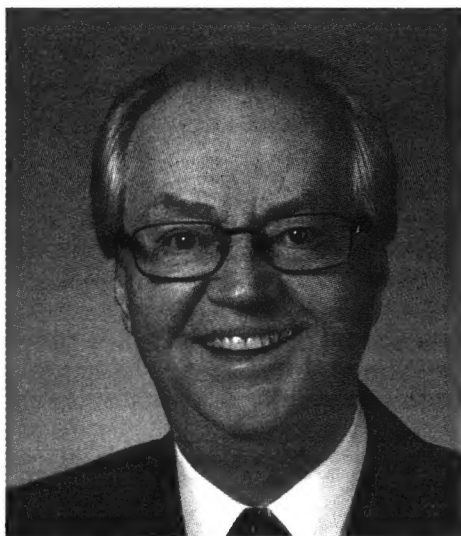
has pioneered work in rehabilitation and holistic healing services for Aboriginal offenders as well as program development in the areas of housing and homelessness prevention in Alberta. Benson's leadership contributed to the creation of a partnership addressing gang violence. He will receive an Honorary Doctor of Laws June 7 at 3 p.m.

## Honourable A. Anne McLellan, P.C.

McLellan's outstanding contributions to public life include four terms as the member of Parliament for Edmonton Centre. As deputy prime minister of Canada she also served as the first minister of public safety and emergency preparedness and chaired cabinet committees: the Operations Committee and the Public Health, Security and Emergency



Maria Klawe



Sheldon Bowles



# T2U program helps students adjust to campus life

Online workshop provides information to ease the transition

By Bev Betkowski

Students who are nervous about leaving home to attend the University of Alberta this fall can relax thanks to a new online program that will help answer their many questions.

T2U, a new online workshop and one of the first of its kind in Canada, will help incoming students make a smooth transition to the U of A.

“Aboriginal, rural and mature students often have questions as they begin their studies, and T2U is designed to provide some answers and ease any anxieties they may have,” said Melissa Padfield, manager of the T2U program.

Offered jointly by University of Alberta Student Services and the Students’ Union, T2U is designed to help students and their parents answer questions about transition issues, to help improve long-term success at university. Students who log on will learn about the cultural differences between high school and university, plus the nuts and bolts of campus living, including the layout of campus, where to meet people and how to deal with the stress of exams.

“While it may be an exciting prospect to be coming to the University of Alberta, it can also be a bit scary for those who are not well-acquainted with city life or university academics,” Padfield said. “Coming from a small, rural community to a campus of 35,000 means differences in who knows you and what you are doing, differences in managing daily living tasks and differences in the way you learn and perform.”

The T2U student workshop offers several modules, ranging from residence life, to finances, to personal development. The workshop takes about 10 hours online and

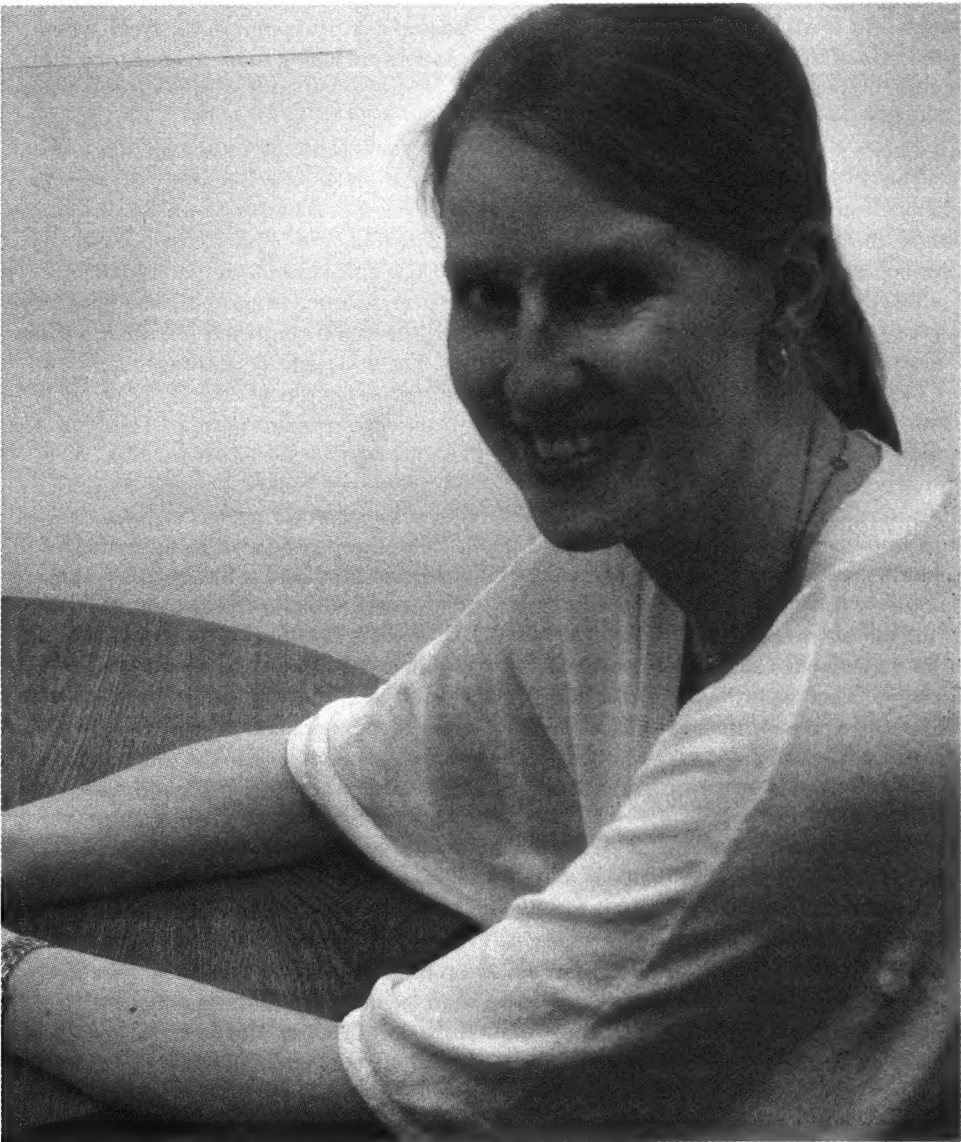
“Coming from a small, rural community to a campus of 35,000 means differences in who knows you and what you are doing, differences in managing daily living tasks and differences in the way you learn and perform.”

—Melissa Padfield

students can work at their own pace for one year, beginning April 2007.

“The key is to enhance students’ first-year experience by teaching them how to adapt to new situations, be resilient in overcoming obstacles and be resourceful in finding solutions to problems and situations they encounter,” Padfield said. “It is not their school grades or background in high school that will contribute to success at the University of Alberta - it is their ability to adapt to a new situation and use the best skills they have to be resourceful and knowledgeable students.”

T2U launched April 1, 2007. Cost to enrol in the workshop is \$30. Students can register online now by going to [www.ualberta.ca/t2u](http://www.ualberta.ca/t2u) or in person at the Academic Support Centre in Room 2-703 of the Students’ Union Building on campus. ■



Melissa Padfield, manager of the new T2U program, says the online workshop provides information to help students adapt to changing situations and overcome academic and personal challenges.

## Writing a new chapter in teaching

Task Force on Writing hosts seminars on writing

By Richard Cairney

The university’s Task Force on Writing is hosting a series of seminars to help bring writing into teaching and learning.

Kathleen Blake Yancy, president of the National Council of Teachers of English and a professor of rhetoric and composition at Florida State University, will be holding writing workshops on campus April 19 - 21.

The workshops are opened to all faculty members. University Teaching Services (UTS) is recognizing each session as three hours towards a UTS teaching certificate for teaching assistants.

“Writing at the university level is frequently seen as something that is used to evaluate whether or not a student knows something – it is an exam or a paper. But we’re also trying to encourage among faculty members an awareness of the role of writing in learning.”

—Dr. Betsy Sargent

Writing Task Force co-chair Dr. Betsy Sargent says the task force and the workshops are designed to incorporate writing into teaching and learning. It doesn’t mean that every professor on campus needs to become an English teacher, she says.

“Writing at the university level is frequently seen as something that is used to evaluate whether or not a student knows something – it is an exam or a paper,” she said. “But we’re also trying to encourage

»» quick »» facts

Writing Task Force writing workshops run April 18 - 21.  
Register online at <http://wtfregistration.ualberta.ca/>

**Public Interview with Dr. Yancy: How I Write - April 18, 7-8 p.m.**  
Public welcome—no registration needed Humanities Centre L-3 (Lecture Theatre 3) Feel free to bring your questions about the writing process to Dr. Yancey.

**Writing Across the Curriculum - April 19, 2-5 p.m.**  
Workshop A (Introduction) Wild Rose Room – Lister Hall  
Using Writing Inside a Classroom: A Menu of Writing-to-Learn Strategies and Ways to Build Them into a Class.

**Workshop on Digital Portfolios - April 20, 9 a.m.-12 pnoon**  
Computer Lab E2-005 – Engineering Teaching and Learning Centre  
Electronic Portfolios: A Quick Primer

**Writing Across the Curriculum Workshop B - April 20, 2-5 p.m.**  
(Instructors who have completed WAC Workshop A above or a previous WAC workshop with Wendy Strachan or Toby Fulwiler will be well prepared.)

Design Lab E2-009 Engineering Teaching and Learning Centre  
Writing, Reading, and the Design of Assignments That Enhance Learning.

**Writing Across the Curriculum Workshop C - April 21, 9 a.m.-2 p.m.**  
(Instructors who have completed WAC Workshop A above or a previous WAC workshop with Wendy Strachan or Toby Fulwiler will be well prepared) (Lunch provided)  
Room 217 – Telus Centre  
Response to Writing, Assessment of Writing, and the Connection between the Two.

**Workshop on Assessment Design - April 21, 2:30 - 5 p.m.**  
(Designed primarily for members of the Writing Task Force, but all are welcome.)  
Room 217 – Telus Centre  
Assessment of Writing Courses and Programs  
Workshops sponsored by Faculties of Science, Engineering, Nursing, Education, Arts and Augustana Campus

among faculty members an awareness of the role of writing in learning.”

That means employing teaching strategies such as so-called “low-stakes writing” in which writing is not graded but is used as a tool for learning.

“In this case, the writing is not the point. What the act of writing makes happen in a student’s head is the point,” said Sargent. “What a lot of research is showing is that students don’t really understand the concepts being taught until they can express those concepts in their own terms.”

One way of using the technique is for

a professor to stop at a critical point in a lesson and ask the students to write, in two minutes, the main concepts being taught. The professor asks one or two students to read what they’ve written, aloud.

This gives the professor an opportunity to assess the effectiveness of the lesson and allows students to absorb the information in a more meaningful way, says Sargent.

“The professor can respond to what the students have written and add information or clarify it and it takes maybe five minutes. The professor never grades the writing. It is writing for discovery, not for communication.”

Yancy’s workshops will deal with these and other similar strategies for integrating writing into teaching and learning.

“Her first workshop focuses on a whole range of exercises like that and none of it requires them to be a writing teacher or requires them to spend time marking writing assignments,” said Sargent.

“Other workshops move to a different stage where you explicitly work with students on refining their writing.”

For more information on the writing workshops and to pre-register visit: <http://www.uofaweb.ualberta.ca/arts/wtf.cfm>. ■



# Climate predictions grim, but no surprise

Researchers weigh-in on UN climate change study

By Richard Cairney

Climate change will wipe out 20 to 30 per cent of all life forms and flood hundreds of millions of people from their homes, according to a new study by the UN's Intergovernmental Panel on Climate Change.

The study, released April 6, details the global effects of climate change. In Canada, temperatures will rise, twice as many forest fires will occur and melting permafrost are predicted. Globally, rising sea levels will drive hundreds of millions of people from their homes.

Grim as the predictions are, they come as no surprise to University of Alberta researchers investigating the effects of climate change. "These kinds of predictions have been around for some time," said renowned water ecologist Dr. David Schindler, who contributed to the report.

"River flows are declining in most part of the world," said Schindler, the U of A's Killam Memorial Chair and Professor of Ecology. "That is partly due to warming and partly due to human uses, like damming and withdrawals."

All of which is translating into water scarcity.

"I have done a bit of work in these water budgets for rivers in the West and that is clearly the case here" said Schindler. "The Saskatchewan Glacier, which feeds our own river running through Edmonton, has lost about 25 per cent of its mass in less than a century . . . and in the U.S., they're predicting that Glacier National Park won't have any glaciers by the year 2030."

Those findings are confirmed by research conducted by Dr. Martin Sharp, chair of the U of A Department of Earth and Atmospheric Sciences.

Sharp has seen the effects of climate change on glaciers in the Arctic, B.C.

and the Yukon. The situation has already passed a critical point in the West, where glaciers are losing more mass during summer melt-offs than they gain during winter snowfalls.

"There is no question there has been trend of glacial wastages over the last 50 -150 years, and that is a product of a warming climate," said Sharp.

The implications are twofold: in one respect, warmer temperatures melt glaciers and the runoff contributes to rising sea levels. The other effect - more specific to the Prairies - is in the availability of water.

Equally dramatic effects of climate change have been documented by Dr. Stan Boutin, a professor in the U of A Department of Biological Sciences.

Boutin spearheaded research that uncovered the first evidence of a genetic response to climate change.

In 2003, Boutin and his research team published findings that showed red squirrels in the southwest Yukon had changed their breeding habits in response to warmer weather conditions. The changes in behaviour were more profound than mere modified habits due to temperature.

Boutin's team discovered that the change was genetic and had in fact been driven not by temperature change, but by the effect temperature change was having on the environment - warmer, drier seasons had resulted in food becoming available earlier in the year. The squirrels adapted to the change in food availability genetically.

The scientists say conservation is the key to mitigating the impact of climate change.

Schindler adds that besides cutting fossil fuel use, we need to conserve water - and protect the natural landscapes, which help preserve water.



Dr. Martin Sharp says glaciers in the Arctic and western Canada are shrinking more rapidly because of climate change.

"One of the things I have been pressing for, especially in Alberta, is water conservation both in our use and in the landscapes that help conserve our water - wetlands and the riparian zones along rivers," he said.

"In addition to all of the high use we have of water, we are also destroying the watersheds that protect it and protect us from flooding. The irony is that a lot of places that are getting less precipitation are also getting more flooding because we're ripping out wetlands and when there is a heavy rainfall all the water goes straight to the nearest river."

Sharp says that, even in situations in

which resources such as water and energy are abundant, it makes sense to use them efficiently. As things stand, we need to become more judicious in our use of these resources in order to mitigate the effects of climate change.

"We are running out of water but it is not just due to climate change, demand is increasing substantially. What we can do is make sure we are as efficient as possible so when we use it we are not wasting it," he said. "And we have to recognize in the long run fossil fuels are not going to be the dominant form of energy, and it doesn't hurt to look at and implement alternatives now. It's just the intelligent thing to do." ■

## 2007 Media Master Class With host Jay Ingram

The Alberta Ingenuity Media Master Class is an annual coaching session for researchers and science and engineering students to learn to tell their stories more effectively - to the media and to the public.

### Attend the Media Master Class and find out:

- What a successful media interview looks like
- How to get messages across more effectively
- How to translate the benefits of science and research for the public

### Calgary

MONDAY, APRIL 30, 2007

University of Calgary  
Mac Hall

4 pm - 5:30 pm

### Edmonton

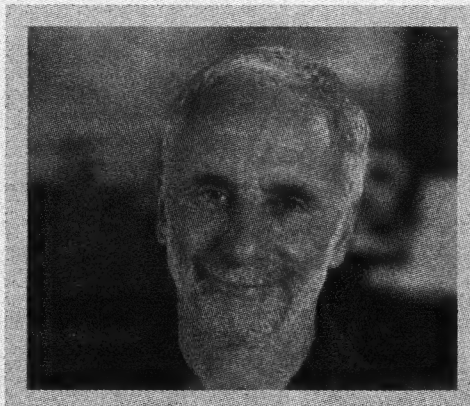
TUESDAY, MAY 1, 2007

University of Alberta  
Engineering, Teaching and Learning Building, Room E1 001

4 pm - 5:30 pm

**This event is open to anyone with an interest in science communications.**

Complimentary return transportation will be provided from the University of Lethbridge to the University of Calgary.



### Jay Ingram

One of Canada's best-known science communicators and co-host and producer of Daily Planet, television's first daily science show. He was also the host of the CBC Radio Show Quirks and Quarks for 12 years and has written nine popular science books.

For registration and more information, please visit [www.albertaingenuity.ca](http://www.albertaingenuity.ca)

The Alberta Ingenuity Fund supports science and engineering research of the highest calibre, to create a prosperous future for the province. It draws funding from a \$1 billion endowment established and managed by the Government of Alberta to build the capacity for innovation, especially in areas with long lasting social and economic impact.





# talks & events

**Folio Talks and Events listings do not accept submissions via fax, mail, e-mail or phone. Please enter events you'd like to appear in Folio and on ExpressNews at: <http://www.uofaweb.ualberta.ca/events/submit.cfm>. A more comprehensive list of events is available online at [www.events.ualberta.ca](http://www.events.ualberta.ca). Deadline: 12 noon one week prior to publication. Entries will be edited for style and length.**

## UNTIL APR 13 2007

**Impressions of Vancouver: Disciples of the Book Arts** This exhibit offers a collection of im(press)ions not only of the artists and artisans at work in the Vancouver region but also of the numerous facets of the art itself. The range of book arts and the versatility of its disciples make this a delightfully motley exhibit. (The catalogue is priced at \$5 and is available at the Bruce Peel Special Collections reference desk.) <http://www.library.ualberta.ca/specialcollections/exhibits/impressions.html>

## UNTIL APR 14 2007

**Generate: Bachelor of Design Grad Show 2007** The Fine Arts Building Gallery is proud to present this year's Bachelor of Design Graduating exhibition. The Opening Reception will take place on Thursday, April 5, 7-10 p.m. The evening event is free. The exhibition will otherwise be open to the public during regular Gallery hours from Tuesday to Friday, 10 a.m.-5 p.m., and Saturday, 2-5 p.m. The Gallery is Closed Sundays, Mondays and statutory holidays. For more information, please contact [bdes\\_grad@hotmail.com](mailto:bdes_grad@hotmail.com) Room 1-1 Fine Arts Building Gallery

## UNTIL SEP 4 2007

**Graduate Student Support & Strategy Group (GS3G)** Offers grad students a comfortable and supportive environment to: discuss concerns/challenges/experiences related to being a grad student; develop effective problem-solving and coping strategies related to these areas; share and hear about other students' experiences. Individuals are required to meet briefly with the facilitator prior to attending. If you wish to RSVP online and choose to leave your phone number and/or e-mail address, we will contact you to schedule an appointment with the facilitator for a pre-screening appointment. If you choose to RSVP online with only your name, please contact Student Counselling Services to book an appointment. Register By: Ongoing. 2:30 - 4 p.m. 2-600 Students' Union Building (SUB) <http://www.uofaweb.ualberta.ca/counselling/gs3g.cfm>

## APR 13 - 15 2007

**MALCA International Conference** The annual meeting of the Modern Austrian Literature and Culture Association. 2007 - Sexuality, Eroticism and Gender in Austrian Literature and Culture. 8 a.m. - 12 p.m. Stollery Business Centre Business <http://www.arts.ualberta.ca/wi>

## APR 13 2007

**Epidemiology and management of chronic wasting disease in white-tailed deer** 12 p.m. M-149, Biological Sciences Building <http://www.biology.ualberta.ca/>

**Departmental Seminar** Dr. Bonnie Bassler, Howard Hughes Medical Investigator, professor, Department of Molecular Biology, Princeton University, will present a seminar entitled, "Tiny Conspiracies: Cell to Cell Communication in Bacteria." 3:30 - 4:30 p.m. Room M 145 Biological Sciences. <http://www.biology.ualberta.ca/>

## APR 15 2007

### Augustana Men's Chorus Spring Concert!

The Augustana Men's Chorus under the direction of Dr. Ardelles Ries present their spring performance. Tickets are \$12 (adults); \$8 (students/seniors); \$38 (family) and are available at the door. 7:30 p.m. Faith & Life Chapel Faith and Life Centre, Augustana Campus, Camrose.

## APR 16 2007

**President's Breakfast Townhall Meeting** As we continue to build one of the world's great universities and move forward with the Dare to Discover Vision, join President Indira Samarasekera for an engaging talk on our progress to date and a video on stories about our talented people serving through knowledge will be shown. To be followed with a Q & A session. Sign Language interpreting and real-time captioning services will be provided. 8:30 - 9:30 a.m. Lister Centre <http://www.president.ualberta.ca/townhallmeeting>

**Catalytic Carbon-Carbon Bond Formation without Activating Groups: A New Biaryl Synthesis** Department of Chemistry Visiting Speaker lecture presented by Professor Keith Fagnou, Department of Chemistry, University of Ottawa. 11 a.m. - 12 p.m. DP 2104 Dentistry/Pharmacy

**Traditional Healing and Medicine** Dr. Clifford Cardinal, assistant professor, U of A Department of Family Medicine. 12 - 1 p.m. Medical Sciences Building 6 - 28

## APR 17 2007

**Candidate for the position of E.C.M.C. Chair in Islamic Studies** Dr. Vernon Schubel, professor, Department of Religious Studies, Kenyon College. "Teaching Humanity: Narratives of Devotional Allegiance in Islamic Piety." Drawing on examples from different regions and religious perspectives, this lecture will explore the ways these narratives "teach humanity" and thereby maintain the core values of Islam. 9:30 - 11 a.m. L-1 Humanities Centre <http://www.uofaweb.ualberta.ca/rs/Calendar.cfm>

**Narratives of Teachers in a Black Rural School in South Africa** This presentation addresses the concern of teacher identity as lived experience in the context of educational change. In a young democracy such as South Africa, teachers play a critical role in educating the youth and advancing the social collective good for all citizens. The way teachers see themselves as professionals and how they compose their identities in a black rural school is the focus of this ethnographic narrative inquiry. Brigitte Smit (PhD) joined the University of Johannesburg, South Africa, in 2005 as associate professor in the Faculty of Education, where she teaches qualitative research, Teacher Education and Curriculum Studies. 12:30 - 2 p.m. Room 633, Education S Education Centre <http://www.uofaweb.ualberta.ca/elementaryed/CRTED.cfm>

**Presentation on the Electronic Archive of the Art of Ukraine** Ihor Zhuk, Ukrainian Catholic University, will make a presentation and speak on: "The Leopold Project: Electronic Archive of the Art of Ukraine." Ihor Zhuk is director of the Leopold Project. 3:30 p.m. 333 Computing Science Centre

**Hear's To Your Health** Lidia Khaner, oboe. David Hoyt, French horn. Janet Scott-Hoyt, piano. Works by Poulenc and Reinecke 5 p.m. Foyer, Snell Auditorium University Hospital (Walter C Mackenzie Health Sciences Centre) <http://www.uofaweb.ualberta.ca/music/briefs.cfm>

**Navigating the Career Path: Career Transitions** Are you questioning where you are at in your career? Do you wish you were doing something different than what you are currently doing? Do you desire a career change but feel uncertain about what to do next? Over the course of two evenings we will discuss both conventional and emerging career development models and their proposed strategies for moving forward in your career. Note: this workshop runs over two nights (April 17 and 19). See our website for further workshop offerings. 5:30 - 8 p.m. <http://www.uofaweb.ualberta.ca/alumnieducation/careerworkshops.cfm>

**Master of Music Recital** Master of Music Recital Irene Bosma, piano 8 p.m. Arts and Convocation Hall. <http://www.uofaweb.ualberta.ca/music/briefs.cfm>

## APR 18 2007

**Distinguished Visitor Series: Cardiology Divisional Rounds** William G. Stevenson, M.D. Topic: Atrial Fibrillation and Heart Failure Dr. Stevenson is director of the clinical cardiac electrophysiology program at Brigham and Women's Hospital and professor of medicine at Harvard Medical School. 8 - 9 a.m. 2F1.04 WMC University Hospital (Walter C Mackenzie Health Sciences Centre).

**Distinguished Visitor Series: Research Seminar** William G. Stevenson, M.D. Topic: Ventricular Scars and Tachycardia Dr. Stevenson is director of the clinical cardiac electrophysiology Program at Brigham and Women's Hospital and professor of medicine at Harvard Medical School. 12 - 1 p.m. 452 Heritage Medical Research Centre

**Public Health Sciences Grand Rounds** Prof. Jaakko Kaprio of genetic epidemiology at the University of Helsinki will present a seminar entitled, "Genes, Physical Activity And Obesity: Observations From The Finnish Twin Cohort." 12 - 1 p.m. 2-117 Clinical Sciences [www.phs.ualberta.ca](http://www.phs.ualberta.ca)

**Literary Cocktails** Come celebrate Canadian literature and afternoon cocktails with four of our talented authors. Alice Major, Colleen Skidmore, Dennis Cooley and Annette Woudstra will read excerpts from their most recent works. 4 p.m. Faculty Club <http://www.uap.ualberta.ca/UAP.asp?id=60>

**Augustana Student Voice Jury-Recital - featuring students from the studio of professor Kathleen Corcoran** Voice majors from the studio of professor Kathleen Corcoran present a jury recital. There is no charge for admission. 7 p.m. Faith & Life Chapel, Augustana Campus, Camrose.

**Kathleen Blake Yancey: Teaching-With-Writing Workshop** "Encounter with Writing" interview. 7 - 8 p.m. L-3 Humanities Centre <http://www.uofaweb.ualberta.ca/arts/wtf.cfm>

# Enterprise Square update

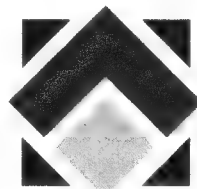


- At a **brown bag session** held on April 2, U of A staff enjoyed a presentation from Mike Derbyshire, director of Edmonton Transit Security. Highlights of the presentation included Transit Security's 2004 Best Practices review, in which outside consultants recommended new measures in terms of capital and operating expenditures to improve safety and security across the Edmonton Transit System.

The presentation also looked at ETS's prioritization of Special Constable Training and initiatives in the works for 2007, such as installing security cameras on all buses, upgrading the current security control centre and implementing a new radio system.

The meeting was the second in a series of brown bag sessions. The next meeting, to be held in May, will feature a project update.


- A position has been posted for the director of Enterprise Square.
- The Art Gallery of Alberta, one of Enterprise Square's new tenants, had its grand opening April 13 and 14. Its inaugural show, the China Sensation Exhibition, is sponsored by the U of A's China Institute. The exhibit runs April 14-June 10.
- A new website has been launched for Enterprise Square. Check out [www.enterprisesquare.ualberta.ca](http://www.enterprisesquare.ualberta.ca) for information about the project and its community partners, as well as transportation, parking and other information. There is a page especially for faculty and staff linked from the Enterprise Square homepage. ■




**Enterprise Square**

University of Alberta

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## Stop the spread of syphilis

**Alberta is facing an outbreak of infectious syphilis.**

Over 200 cases of infectious syphilis were identified throughout the province last year; a 40% increase from the previous year.

Anyone who is having unprotected sex, outside of an exclusive, single partner relationship, can contract syphilis. People of all ages face the risk.

Syphilis is a sexually transmitted infection that can cause serious health consequences. It can be detected with a simple blood test and is treated with antibiotics.

What you can do to prevent the spread of syphilis:

- Practice safer sex with the use of a condom.
- If you think you may have been exposed to syphilis, talk to a health professional about having a syphilis blood test.
- For more information, call the STI/HIV line at: 1 (800) 772 2437.



Alberta

For more information, visit  
www.health.gov.ab.ca

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www.registrar.ualberta.ca/springsummer

**Maheer Arar: Civil Liberties & National Security** 11th Annual Political Science Distinguished Lecture On the 25th Anniversary of the Canadian Charter of Rights and Freedoms. The evening will also feature: Music for Reflection and Action Presentation of the Maheer Arar Award for Best Student Essay on "Challenges of Torture for Contemporary Democracies." Tickets \$5 plus service charges. Charge by phone (780) 428-1414/ Toll Free: 1-800-563-5081 www.winspearcentre.com. For more information please contact Dr. Malinda S. Smith, Political Science Speaker Coordinator, at malinda.smith@ualberta.ca / (780) 492-5380 or Nisha Nath, Email: nnath@ualberta.ca or the Department: (780) 492-3429. 7 p.m.

**Master of Music Recital** Master of Music Recital Ryan Kolodziej, piano 8 p.m. Arts and Convocation Hall. <http://www.uofaweb.ualberta.ca/music/briefs.cfm>

**APR 19, 2007**

**Pediatric Grand Rounds** Dr. Jon Duff of the Pediatric Intensive Care Unit will present a seminar entitled "More than just playing with dolls." 8 a.m. 2F1.04 University Hospital (Walter C Mackenzie Health Sciences Centre). <http://www.pediatrics.ualberta.ca/roundsnews/roundsnews.htm>

**Walter Johns Alumni Circle** Come back to campus for a regular sampling of the vibrant intellectual and cultural life of the university. A health sciences transformation in the works soon to begin taking shape on campus. The Edmonton Clinic is expected to position Alberta's capital region as a North American hub for health sciences teaching and delivery. Nursing professor and university vice-provost Jane Drummond and university architect Len Rodrigues will explain what the Edmonton Clinic is and how it will transform the face of health sciences on campus. Also, not so very long ago – practically yesterday, in geological terms – a meteor smashed into what is now the nation of Ghana in West Africa. Three years ago an international research team, including U of A physics professor Doug Schmitt, drilled deep below the impact site to gain insight into a number of questions that have been puzzling scientists. Schmitt will share some of what they learned. Please RSVP for this event through our website 10 a.m. - 12 p.m. Aon Boardroom Alumni House <http://www.ualberta.ca/alumni/wjac>

**Hope and Hoping in the Talk of Dying Patients** Hope is the subject of increasing research and discussion within the healthcare literature. However, although deemed of vital import to patient welfare, there is little examination of how hope features within patients' speech. This qualitative study presents the discursive properties of hope as it emerged unprompted during semi-structured interviews with 28 patients in the final phase of terminal cancer. Dr. Jaklin Elliott is a Social Scientist, Cancer Research Centre, Royal Adelaide Hospital, Australia. 12 - 1 p.m. Rm 633 Education S Education Centre <http://www.uofaweb.ualberta.ca/elementaryed/CRTEd.cfm>

**Lunch & Learn: Goal Setting for Success!** Are you thinking of making a change but aren't sure where to start? Join us as we explore strategies for setting and achieving goals. We will learn about factors affecting motivation and readiness for change, the importance of creating a vision for change, the steps involved with setting and achieving goals, barriers to success and how to overcome barriers. These sessions are free for all U of A Staff. Visit [www.learningshop.ualberta.ca](http://www.learningshop.ualberta.ca) to register. 12:05 - 12:55 p.m. Heritage Lounge, Athabasca Hall Aberhart Centre <http://www.learningshop.ualberta.ca>

**Kathleen Blake Yancey, Using Writing Inside a Classroom: A Menu of Writing-to-Learn Strategies and Ways to Build Them into a Class (Introductory)** 2 - 5 p.m. Wild Rose Room Lister Centre <http://www.uofaweb.ualberta.ca/arts/wtf.cfm>

**Beyond These Halls 2006 Celebration** Recognition ceremony for all 2006 volunteer registrants. 3:30 - 5 p.m. Timms Centre for the Arts <http://www.ualberta.ca/beyondthesehalls>

**Thinking Queerly: Legal Theory and Educational Politics and Policies** Inside/OUT 2006/2007 Speakers Series Profiling LGBTQ-Related Work. Presenter: Dr. Catharine Lugg, associate professor, Department of Educational, Theory and Policy, Rutgers University. This talk looks at how law and legal thinking can shape who gets what, when and how (to paraphrase Harold Lasswell) in public schooling. In particular, she will draw on queer legal theory and its understandings of how the Canadian and U.S. constitutions constrain and try to confine queer identities, and how these understandings, in turn, can shape educational policies and politics surrounding K-12 public education. After each presentation we invite you to join us at the Sugar Bowl to continue to network. Inside/OUT is a campus-based network for LGBTQ and allied faculty, graduate students, academic, and support staff of the University of Alberta. We also invite undergraduate students and interested members of the community to attend. 5 - 6 p.m. 7-152 Education North Education Centre <http://www.uofaweb.ualberta.ca/education/pdfs/InsideOUT200607SpeakersSeriesPoster.pdf>

**Free Public Speaker Series - Affordable Housing: Why it is a problem and what can be done about it?** City-Region Studies Centre free Public Speaker Series. Presentations by Dr. J. David

Hulchanski of the University of Toronto and Michael Farris, executive director E4C, followed by discussion. Hulchanski is the director of the Centre for Urban and Community Studies and a professor of housing and community development in the Faculty of Social Work at the University of Toronto. His PhD is in urban planning. He is the principal investigator of a five-year SSHRC Community University Research Alliance grant on neighbourhood change and inclusive communities. Space is limited. RSVP: [silke.dienemann@ualberta.ca](mailto:silke.dienemann@ualberta.ca). Faculty of Extension Building 7 - 9 p.m. 2-36 www.crcs.ualberta.ca

**Teaching Deaf Children to Read Using an Active-Constructivist Approach and ASL** Presenter: Kristin Di Perri, EdD. Perri is the English literacy coordinator at the Scranton State School for the Deaf. Perri will be addressing why deaf students in America commonly plateau in their reading development at the third/fourth grade level. While reasons are numerous there are foundational factors which when addressed appropriately can result in grade level attainment. This lecture will involve practical instructional strategies and videotape segments that illustrate practices that teach deaf children how to learn to read using an active-constructivist approach by using ASL as means of instruction. A Question-Answer session will follow the conclusion of the presentation. ASL/English interpretation and real-time captioning will be provided. Wheelchair accessible. Refreshments will be provided. For further information: Contact Dr. Debra Russell at [debra.russell@ualberta.ca](mailto:debra.russell@ualberta.ca) or (780) 492-1156. 7 - 9 p.m. 2-115 Education North, Education Building.

**APR 20 2007**

**Inaugural Symposium of the Material Culture Institute** Domestic Space, Domestic Practice: Exploring the Materiality of Home. This inaugural one-day symposium will explore the comparative material worlds of the home. Speakers will consider such issues as comfort and discomfort, the meanings and uses of space, the shifting material patterns of beds and bedding in the domestic environment, among other topics. Registration fee for the one day symposium: \$25 General rate; \$10 student rate. Subventions are available for University of Alberta students. Please contact the organizer for details. 9 a.m. - 5 p.m. Rm 134, TELUS Centre <http://www.uofaweb.ualberta.ca/materialculture>

**Kathleen Blake Yancey, Electronic Portfolios: A Quick Primer** This session is part of the "Teaching-With-Writing Workshops" series being offered by Dr. Yancey. 9 a.m. - 12 p.m. Engineering Teaching and Learning Centre Engineering Teaching and Learning Complex (ETLC) <http://www.uofaweb.ualberta.ca/arts/wtf.cfm>

**Kathleen Blake Yancey, Writing, Reading, and the Design of Assignments That Enhance Learning** This session is part of the "Teaching-With-Writing Workshops" series being offered by Dr. Yancey. 2 - 5 p.m. Design Lab, E2-009 Engineering Teaching and Learning Complex (ETLC) <http://www.uofaweb.ualberta.ca/arts/wtf.cfm>

**Molecular analysis of sex determination evolution** Dave Pilgrim, Department of Biological Sciences, University of Alberta presents a seminar on "Molecular analysis of sex determination evolution." 3:30 p.m. M-149, Biological Sciences Building <http://www.biology.ualberta.ca/courses/genet605/index.php?Page=399>

**The Safety Net Benefit Concert in support of the Drama Student Emergency Bursary Fund** This exciting evening features singer/songwriter Andrea House and special guests. The Safety Net Benefit is a student initiative in support of the Drama Student Emergency Bursary Fund. A pre-show reception is scheduled for 6 p.m. During the reception and intermission, the audience will be entertained with roving performances by current students of the Department of Drama. All pass-the-hat donations will go towards the Drama Student Emergency Bursary Fund. Advance tickets on sale now, available for \$30, at TIX on the Square in person at Sir Winston Churchill Square Interpretive Centre, by phone at 420-1757 and online at [www.tixonthesquare.ca](http://www.tixonthesquare.ca). Walk-up tickets are available for \$35, one hour before the performance at the Timms Centre box office. 7 p.m. Timms Centre for the Arts <http://www.uofaweb.ualberta.ca/drama/>

**Music at Convocation Hall I** 7:15 p.m. Pre-concert introduction. Tanya Prochazka, cello. Guillaume Tardif, violin. Russell Whitehead, trumpet. Roger Admiral, piano. Works by Howard Bashaw, Paul Steenhuisen and Andriy Talpash. 8 p.m. Arts and Convocation Hall <http://www.uofaweb.ualberta.ca/music/briefs.cfm>

**APR 21 2007**

**Kathleen Blake Yancey, Response to Writing, Assessment of Writing, and the Connection Between the Two** This session is part of the "Teaching-With-Writing Workshops" series being offered by Dr. Yancey. 9 a.m. - 2 p.m. Room 217 Telus Centre <http://www.uofaweb.ualberta.ca/arts/wtf.cfm>

**Kathleen Blake Yancey, Assessment of Writing Courses and Programs** This session is part of the "Teaching-With-Writing Workshops" series being offered by Dr. Yancey. 2:30 - 5 p.m. Room 217 TELUS Centre <http://www.uofaweb.ualberta.ca/arts/wtf.cfm>



APR 24 2007

**Population Health Promotion ~ Research Series** Dr. Jim Frankish will present a seminar entitled, "The Role and Capacity of Health Regions in Addressing the Non-Medical Determinants of Health" 12 p.m. - 1 p.m. [http://www.chps.ualberta.ca/research\\_series.cfm](http://www.chps.ualberta.ca/research_series.cfm)

**Lunch & Learn: Routes to Fruit - Cancer "Phyters"** Everyone knows there are many health benefits to eating fruits and vegetables. Phytonutrients in fruits and vegetables have been linked to decreasing the risk of certain cancers. How much fruits and vegetables should you eat? Which ones? What cancers are they linked to? Come and join us in this session to find the answers to these questions. Learn some tips on how to include these fruits and vegetables in your diet. These sessions are free for all UofA Staff; visit [www.learningshop.ualberta.ca](http://www.learningshop.ualberta.ca) to register. 12:05 - 12:55 p.m. <http://www.learningshop.ualberta.ca>

**Navigating the Career Path: Emotional Intelligence and Life Success** Emotional intelligence, or EQ, refers to an array of non-cognitive capabilities, skills, and competencies which influence our ability to cope effectively with environmental demands and pressures. EQ has been shown to be responsible for 27 - 45 per cent of career and personal success. Unlike IQ, our EQ can be improved with effort. Attend this workshop to learn more about EQ and its impact on our work and home relationships. See our website for further workshop offerings. 6-8 p.m. 4-02 Students' Union Building (SUB) <http://www.uofaweb.ualberta.ca/alumnieducation/careerworkshops.cfm>

APR 26 2007

**Navigating the Career Path: Effective Strategies and Tools for Finding Work** The Are you currently seeking work or thinking about changing jobs? There are a number of work search strategies and tools that are effective in helping you find work that fits your skills, interests and goal. This workshop will focus on strategies for tapping the 'hidden' job market, as well as targeting your résumé and other tools to the type of work you are seeking. Please refer to our website for further workshop offerings. 5:30 a.m. - 8:30 p.m. 4-02 Students' Union Building (SUB) <http://www.uofaweb.ualberta.ca/alumnieducation/careerworkshops.cfm>

**Pediatric Grand Rounds** Drs. Alena Tse and Laila Obaid, Pediatric Residents, will present a seminar entitled "Congenital Syphilis Alert!" 8 a.m. 2F1.04 University Hospital (Walter C. Mackenzie Health Sciences Centre) <http://www.pediatrics.ualberta.ca/roundsnews/roundsnews.htm>

APR 26 - 29 2007

**Mark Hobson Art Workshop at BMSC** Join Mark Hobson for a painting workshop at the Bamfield Marine Science Centre. This three day workshop (with an evening demonstration) is focused on acrylics and will be a chance to learn the techniques of painting the underwater marine world. With the aid of video footage and aquaria of living marine life at the centre we will explore the way light filters through an underwater kelp forest. Particular attention will be paid to capturing the moody soft greens of the B.C. coastal waters. Opportunities to explore the quaint board walks of the Bamfield community and nearby Brady's Beach will be available in the evenings. The workshop is primarily for intermediate or experienced painter-sand is limited to 15 participants. 4 p.m. [http://www.bms.bc.ca/news\\_events/events.htm](http://www.bms.bc.ca/news_events/events.htm)

APR 26 2007

**Young Alumni Evening for Civil, Environmental, Mining and Petroleum Engineers** Old friends, old profs, new business contacts? Meet them all at the Young Alumni Evening for Civil, Environmental, Mining, and Petroleum Engineers! Brief program begins at 6 p.m.. Complimentary hors d'oeuvres & beverages Complimentary parking available after 5 p.m. in Windsor Carpark (116 Street north of 92 Avenue) Tours of the Markin/CNRL Natural Resources Engineering Facility will be available at 4:30, 5, and after the program. To reserve a spot on a tour, call Jaime at 492-1342 or e-mail [jaimelyn@ualberta.ca](mailto:jaimelyn@ualberta.ca) 5:30 - 7:30 p.m. Engineering Solarium (2nd Floor) Engineering Teaching and Learning Complex (ETLC)

APR 27 - 28 2007

**11th Annual Regional Nutrition and Food Service Conference: The Basics are Back!** Targeted to dietitians and food service professionals, nurses and other allied health professionals, our program gets back to the fundamentals. Sessions include Bringing food back into nutrition, Updates on fibre, salt and trans fats, Enhancing patient food ser-

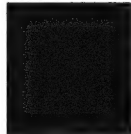


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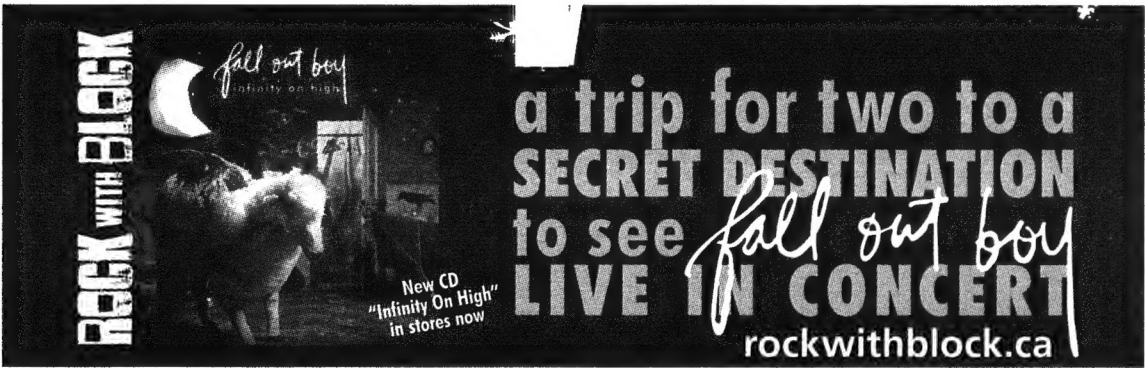
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**Eugenics and Sterilization in Alberta: 35 Years Later** This public conference will examine and reflect on eugenics and sterilization in Alberta, looking back on the historical period in the middle half of the 20th century, as well as at the 35-year period since the repeal of the Sexual Sterilization Act. The keynote speakers are David King, MLA and cabinet minister in Alberta from 1971 - 1986, who was instrumental in the repeal of the Act, and Dr. Geoffrey Reaume, co-founder of the Psychiatric Survivor Archives in

Toronto. The conference is free and open to the public. For the full program and registration, see [www.whatsorts.net](http://www.whatsorts.net); for further details, email [whatsort@ualberta.ca](mailto:whatsort@ualberta.ca) or call 780-492-3307. 7 p.m. Timms Centre for the Arts <http://www.whatsorts.net/>

#### APR 28 2007

**First Year Teachers' Reception** Attention all first year teachers! The Faculty of Education is extremely proud of your hard work, dedication and commitment to teaching. We would like to congratulate and celebrate with you as your first year of teaching winds down. We invite you and a guest to join us for a reception in your honor in the 4th floor lounge of Education North. The reception is free of charge. Please RSVP by April 20 with Asheley Cowie at [asheley.cowie@ualberta.ca](mailto:asheley.cowie@ualberta.ca)

or call 780.492.9404 for more information. 1 - 3 p.m. 4th Floor Lounge Education North Education Centre

#### APR 29 2007

**The Augustana Choir Home Concert!** The Augustana Choir Home Concert (presenting their 2007 tour program), under the direction of Dr. Ardelle Ries. Tickets are \$12 (adults); \$8 (students/seniors); \$38 (family) and are available at the door. 8 p.m. Faith & Life Chapel Faith and Life Centre, Augustana Campus, Camrose.

#### MAY 1 2007

**R.U. Lemieux Lecture on Biotechnology** Dr. Peter Seeberger, professor for Organic Chemistry at the Swiss Federal Institute of Technology in Zurich, Switzerland, is presenting a lecture on, "Automated synthesis-derived carbohydrates as tools to understand malaria and create anti-parasitic vaccines." 4 - 5 p.m. 2-115 Education Centre

#### MAY 2 - 4 2007

**Rooms of Their Own: Women in the Knowledge Economy and Society** TELUS Centre <http://www.crcstudio.arts.ualberta.ca/rsc>

#### MAY 2, 2007

**Among the Gently Mad: Continuing Adventures in the Book World** Nicholas Basbanes, award-winning author and celebrated chronicler of book people, book places, and book culture has worked as an award-winning investigative reporter, a literary editor, and a nationally syndicated columnist. His first book, *A Gentle Madness: Bibliophiles, Bibliomanes, and the Eternal Passion for Books*, was a finalist for the National Book Critics Circle Award in nonfiction for 1995, and was named a New York Times Notable Book of the Year. 7 - 8:30 p.m. Timms Centre for the Arts

#### MAY 3 2007

**JumpStart Company Development Conference** This conference is for students and faculty researchers who want to launch a business, early stage startups or developing companies that could benefit from a range of expert seminars from experienced entrepreneurs. Highlights include: continental breakfast, keynote speaker on "Tackling the seemingly insurmountable," entrepreneur Panel session: "Don't make our mistakes, but take our advice on getting financing," marketing seminar: "Igniting exposure that delivers customers," presentations seminar: "The Pitch: what do prospects need to hear," tradeshow: a showcase of the newest technology startups in the Edmonton region, including ventures in pre-commercialization stage. Also on the same day, Conference

participants have access to the Annual VenturePrize Alberta Business Plan Competition Final Showdown and Awards Luncheon. 8 a.m. - 4:30 p.m. <http://www.TECedmonton.com>

#### VenturePrize Final Showdown & Awards Luncheon

The 5th Annual VenturePrize awards Luncheon is an exciting and informative event for anyone interested in the new ventures in the Edmonton region. Highlights: The final showdown of three finalists competing in the Fast-Growth Category of the Alberta-wide VenturePrize Business Plan Competition, with three-minute video profiles and final "pitch" to judges and audience; Selection of the grand prize winner of Fast-Growth Category and awarding of \$100,000 in cash prizes and in-kind services to the best business plan in Alberta; and \$38,000 in cash and in-kind prizes to each runner up; Selection and Awards to the winner of the Alberta Student Business Plan Competition category, featuring three finalists from the U of A's School of Business competition. Winner receives \$10,000 in prizes. 11:30 a.m. - 1:30 p.m. <http://www.uofaweb.ualberta.ca/tecedmonton/>

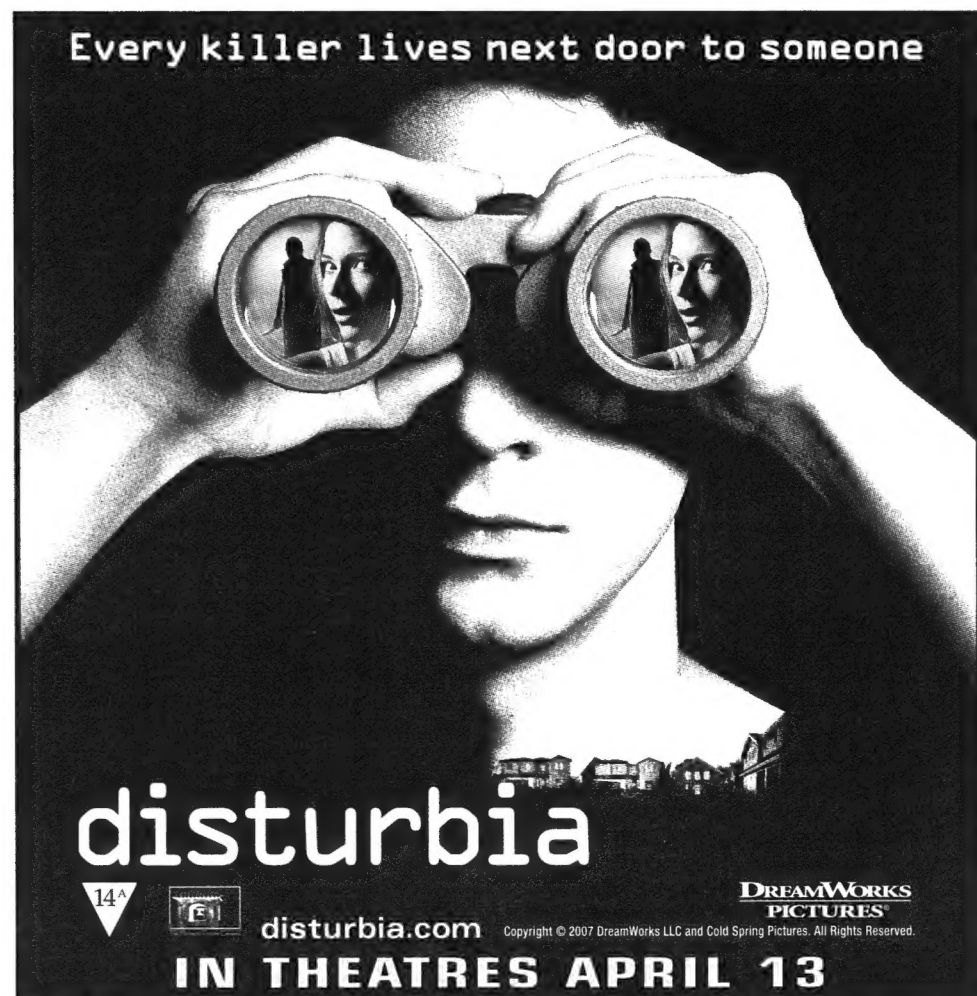
#### MAY 4 - 6 2007

**Women Writing and Reading: Past and Present, Local and Global** This three day conference, being held at the University of Alberta, offers a forum for academics and the wider community to discuss issues around the theme of women as writers and readers. The aim of the conference is to explore these issues in the past and present, and in a local and global context. We invite contributions from a wide variety of perspectives - social, literary, artistic, historical, political, economic, scientific, legal, philosophical, and so on. What, why, and how do women read and write? What conditions shape women's reading and writing? What is the relationship between women's reading and writing? TELUS Centre [http://www.crcstudio.arts.ualberta.ca/wwr\\_conference](http://www.crcstudio.arts.ualberta.ca/wwr_conference)

#### MAY 3 2007

**2007 Alberta ECE Graduate Research Symposium** The symposium will bring together the University of Alberta and the University of Calgary ECE Departments as well as researchers from other disciplines relevant to ECE, and representatives from Alberta's growing high-tech industry. The aim of the Symposium is to create and strengthen research collaborations, as well as provide mutual exposure among industry and academia. Its scope includes, but is not limited to: nanotechnology/MEMS, wireless communications, advanced computation, signal/image processing, power, lasers/optical engineering, systems & control, software engineering, and biomedical engineering. 9 a.m. - 6:30 p.m. 2nd Floor Solarium Engineering Teaching and Learning Complex (ETLC) [www.ece.ualberta.ca/~ecegsa/symposium2007/](http://www.ece.ualberta.ca/~ecegsa/symposium2007/)

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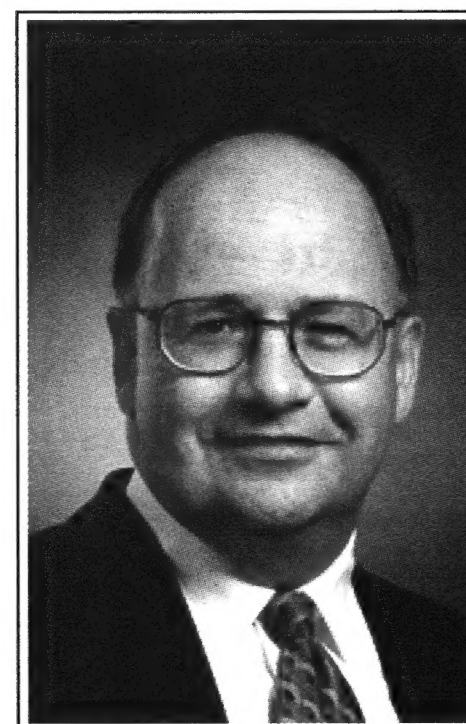
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DREAMWORKS PICTURES

IN THEATRES APRIL 13

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**YOU ARE INVITED!**



The Office of the President would like to extend an invitation to the campus community to attend a reception in honour of Dr. Gary Kachanoski's contributions to the University of Alberta in his role as Vice-President (Research)

- Wednesday, May 9

This open house will take place from 3:00 pm to 5:00 pm  
Alumni House (11515 Saskatchewan Drive)

Please RSVP to confirm your attendance at [www.president.ualberta.ca/eventrsvp.cfm](http://www.president.ualberta.ca/eventrsvp.cfm)  
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#### FUND FOR SUPPORT OF INTERNATIONAL DEVELOPMENT ACTIVITIES

The deadline for receipt of applications to the FSIDA is 4:30 p.m., April 16.

This Fund exists to enable staff and graduate students of the University of Alberta to participate in the international transfer of knowledge and expertise and graduate research through partnerships in developing countries.

Applications and guidelines are available on the University of Alberta International website [www.international.ualberta.ca](http://www.international.ualberta.ca) or from the FSIDA Secretary at University of Alberta International, 1204 College Plaza, 8215-112 Street, telephone 492-2391.

#### INTERNATIONAL PARTNERSHIP FUND

The "International Partnership Fund" (IPF) was established to support University of Alberta faculty and staff participating in exchange activities with the university's many partner institutions around the world. The fund provides financial support

to faculty and staff engaged in the development and/or implementation of activities that contribute to sustainable and reciprocal relations with international academic partners. Awards may be used for travel by either the U of A staff/faculty member to visit an international partner, or for the faculty or unit to support a visitor from the partner. The fund favors activities that develop projects bringing an international focus to the academic, research and teaching mandate, and contribute to the internationalization objectives of the faculty.

Support from the IPF will ideally complement multiple funding sources. Matching support from the individual and/or the department/faculty and partner institution is required.

Note: The IPF only applies to those institutions with which the U of A has a formal agreement.

For guidelines, application forms and list of eligible partner institutions, please visit the University of Alberta International website: <http://www.international.ualberta.ca>

For more information please call 492-5840 or e-mail: [ipf@international.ualberta.ca](mailto:ipf@international.ualberta.ca)

Application deadline: Tuesday, May 15th, 2007

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## ACCOMMODATIONS FOR RENT

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## ACCOMMODATIONS WANTED

**SUMMER RENTAL WANTED** – UofA professor looking for house/apt June 1 – August 31. Email: [riverbendab@yahoo.com](mailto:riverbendab@yahoo.com).

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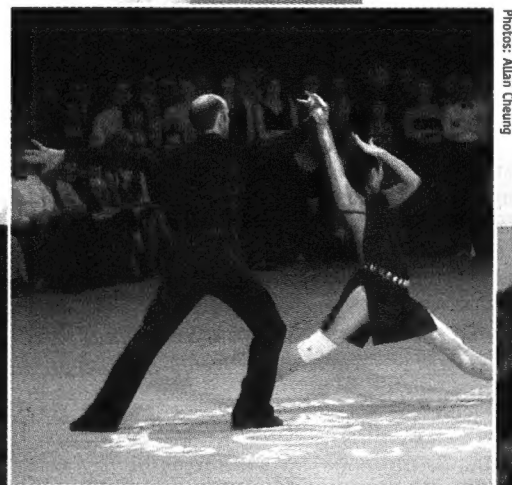
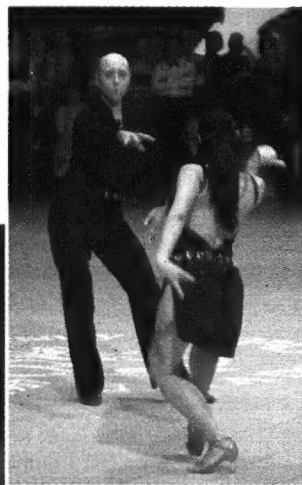
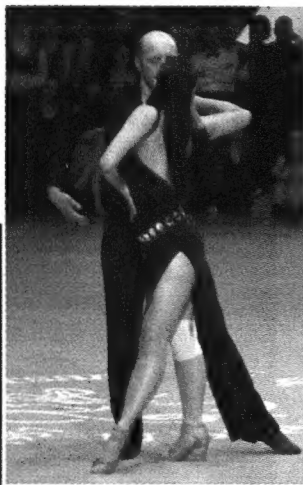


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# shall we dance?

Grace Lau and Jim Deglau strut their stuff at the University of Alberta Dance Club's 50th anniversary celebration.



Photos: Allan Cheung



## University of Alberta Dance Club waltzes through 50th year

By Isabela C. Varela

**D**ancing with the Stars and So You Think You Can Dance? have made ballroom dance hot stuff on TV, but members of the University of Alberta Dance Club might argue it never went out of style.

Established in 1957 with a mere 20 members, the club is now the second-largest student group on campus, with more than 1,700 active members. Ranging in skill level and age – from 18 to 70-something – these fledgling Fred Astaires and Ginger Rogers are a testament to the enduring popularity of ballroom. Equally remarkable: the club is entirely dependent on volunteers, from its dance teachers to its event co-ordinators.

Under the graceful direction of professional ballroom dancers Delphine Romaine and Dominic Lacroix, the club teaches students and alumni the 10 dances found in the International Ballroom Syllabus – from the Viennese waltz to tango, cha-cha and jive. Members also get to hone their skills in weekly open practice dance sessions and at social events throughout the academic year.

The club celebrated its golden anniversary at its Top Hat and Tails 50th Anniversary Gala dinner and dance March 31 at the Shaw Conference Centre. Current and past club members entertained guests with their splashy moves, accompanied by music from the Trocadero Orchestra. ■

Jim and Theresa Jenkins epitomize the elegance of ballroom dance.

folio **back**  
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